City of Boulder
Finance Department's Regulatory License Division
Brenton Building, 1st Floor
1136 Alpine Avenue, Boulder, CO 80304
P.O. Box 791, Boulder, Colorado 80306
303 -441- 4192

CITY OF BOULDER <u>HEMP BUSINESS REGISTRATION</u> APPLICATION- PART 1 CHAPTER 4-33, BOULDER REVISED CODE

This Application is for the following Premis a separate complete application if another Hemp Cultivation		e):		e and file
"Applicant" is defined as Legal Name of Inclicense if approved. [\$400 Hemp R For businesses with city business licenses application Fee is due by	New License egister Fee & \$1,200 License Applic	eation] mp Register Fee	s due by 1	
Business Entity Type: [] Corporation [] Partnership	[] Limited Liability Company [] Sole Proprietor	[] Associa [] Other: _	ation	
Business Entity Applicant Name:		Y		
Trade Name of Establishment (doing busin	less as)			
Business Owner's Contact Name:				
Business Telephone	Business Email Address			
Address of Premise Location	treet Address	City	State	Zip Code
Business Mailing Address	Street Address	City	State	Zip Code
City Sales Tax License No	State Sales Tax License No.		FEIN No	o
I. Does the Applicant have a current state Department of Revenue or the Colorace I. Does the Applicant have legal possess the date that this registration was filed If leased, list the name of landlord and ten	do Department of Public Heal [th and Environ Yes premise for at or other arrano	ment? [] I least 12 gement? []	No months from No
,	, , , , , , , , , , , , , , , , , , , ,	, , , ₋₁		

Tenant

Expires

Landlord

III. Does the Applicant already	hold or have they applied for	or a City sales and use [] Ye	
If Yes, what is the Issued Date	OR Application	Filing Date	of City Business License?
IV. What was the Business Op	ening Date of the Business	being registered?	
I declare under penalty of perju answers are true, correct, and or responsibility and the responsib Boulder Revised Code and all F Application and any issued City	complete to the best of my k bility of my agents and empl Rules and Regulations whic	nowledge. I also ackn oyees to comply with t	owledge that it is my he provisions of the
Authorized Signature	Printed Name	Title	Dete
ann) e complet	2 Pages I all		

<u>HEMP BUSINESS LICENSE - PART 2: Supplemental Questions and Required Attachments</u> Answer questions fully, sign page 2, and attach Attachment documents in the order listed

Bus	siness Name	Trade Name		
Pre	emise Address	Date Part 1 Filed		
Sta	te Registration Sta	tus and Business Premise Location Questions		
1.	Department of Reve	have current state registrations for their Hemp business from the Coloenue or the Colorado Department of Public Health and Environment? hed copies of all state certificates. [] Yes	rado [] No
2.	Department of Agric	wner or manager even been involved in any enforcement action with Coulture or Colorado Department of Public Health and Environment? h copies of state documents. [] Yes	Colorac [lo] No
3.		emise location the only location that is affiliated with this business? ttach a list of all other premise locations. [] Yes	[] No
4.		emise location within 500 feet of a marijuana or hemp business or local a building with residences?	ted in a	a] No
	If Yes, then please	explain:		
ii) —— If le	Please also attacl Ownership	rovide copy of the recorded Deed, signed Lease or other possession en the landlord letter allowing city inspections from Fire, Police, Planning ar Lease Other (explain in detail- use extra sheet) of landlord and tenant, and date of expiration exactly as they appear o	nd Lice	ensing
	Landlord	Tenant	Expir	es
B.F	R.C Chapter 4-33, Q	uestions about City Laws for Hemp Businesses		
6. H	Has the Applicant imp	plemented a Neighborhood Responsibility Plan? If Yes, please attach [] Yes	Plan [] No
	Does the Applicant ha ase attach all Plans	ave a electrical usage plan, mold mitigation plan and wastewater plan' []Yes	? If Yes	s,] No
		ons, does the Applicant have an Odor Control Plan to ensure proper ve or so that odor will not be observed outside of the business? If Yes, ple [] Yes		
		ons, does the Applicant have an Industrial Hygienist Plan to ensure that ess addresses are safe when extraction of product occurs? If Yes, plea [] Yes		
10.	Is the Applicant fam	iliar with Boulder's laws regarding Hemp businesses and does agree t	to com	ply with

[] Yes [] No

all of its requirements and prohibitions?

City Business Licensing and Busine	ss Operations Ques	tions		
11. Does the Applicant already hold or	have they applied for	-	l use tax license	
If Yes, what is the Issued Date	OR Application F	_	-	
12. What is the Business Opening Date	9?			
13. If the Applicant is a business entity,	provide Registered A	Agent's Name, e	mail address, ar	nd mailing address:
Registered Agent's Name		Registered	Agent's email a	ddress
Registered Agent's	Street Address	City	State	Zip
ATTACHMENT 1: State Issued ATTACHMENT 2: State Agence ATTACHMENT 3: Business For ATTACHMENT 4: Lease or Defor 1 year from License Issuand Also, include signed letter from Police and City Licensing.	and Current Registra y Enforcement or Viol rmulation Documents ed to Business Premi ce.	ation for Hemp B lation Document - LLC or Corpora se, signed by all	usiness s (if any) ation or Partners parties, term cu	ship ırrent, & valid
<u>ATTACHMENT 5</u> : Certificate of certificate holder required before		of Boulder name	d as additional i	nsured and

<u>ATTACHMENT 6</u>: Operating Plan with business operations description, dimensioned general floor plan, electrical usage plan, neighborhood responsibility plan, mold mitigation and completed wastewater plan

For Cultivation locations, please attach a copy of your Odor Control Plan using the city's template with your Operating Plans. Please use city example as a template.

For Extraction locations, please attach a copy of your signed/stamped final Industrial Hygienist Plan and an Odor Control Plan per city's template with your Operating Plans.

ATTACHMENT 7: City of Boulder Business License

ATTACHMENT 8: PAYMENT OF REMAINING FEES AS REQUIRED BY B.R.C. 4-20-73.

OATH OF APPLICANT AND CONFIRMING SIGNATURE

I declare under penalty of perjury in the second degree that this application and all attachments are true, correct, and complete to the best of my knowledge. I also acknowledge that it is my responsibility and the responsibility of my agents and employees to comply with the provisions of the Boulder Revised Code and all Rules and Regulations which govern my Hemp Business Registration Application and any issued City Hemp Registration.

Authorized Signature	Printed Name	Title	Date

FOR CITY INTERNAL USE ONLY:	CITY ASSIGNED LICENSE NO:	
APPLICANT NAME:	TRADE NAME:	
PREMISE ADDRESS & SUITE/UNIT N	UMBER:	
	AS TO BUSINESS DENSITY, DISTANCE LICENSE OR ANNUAL RENEWAL IS R APPROV	
BASIS FOR RECOMMENDATION:		
City Staff's Name	Title	Date
	te Sent:) AS TO CITY SALES AND COMMETAIN ANNUAL RENEWAL IS RECOMMETAPPROVE	
BASIS FOR RECOMMENDATION:		
City Staff's Name	Title	Date
BOULDER POLICE DEPARTMENT (DE RECOMMENDED TO BE:	ate Sent:) NEW BUSINESS OR ANN	IUAL RENEWAL IS
	APPROVE	DENIED
BASIS FOR RECOMMENDATION:		
City Staff's Name	Title	Date
FIRE DEPARTMENT (Date Sent:) N BE:	EW BUSINESS OR ANNUAL RENEWA	L IS RECOMMENDED TO
	APPROVEI	DDENIED
BASIS FOR RECOMMENDATION:		
City Staff's Name	Title	Date
- ,	_) AS TO BUILDING PLANS/ PERMITS ANNUAL RENEWAL IS RECOMMENI	
	APPROVEI	DDENIED
BASIS FOR RECOMMENDATION:		
City Staff's Name	Title	Date

e p

*

5)

		and a General premise diagram with the items on the checklist listed here (please include pages as required):
bus	iness (A	ALL LICENSE APPLICANTS: A Neighborhood Responsibility Plan that demonstrates how the pplicant) will fulfill its responsibilities as a good neighbor and deter secondary impacts to the g neighborhood, including, but not limited to:
*	(a) Neig	hborhood Outreach: Describe the manner in which the Applicant has contacted residents
	and bus	sinesses in the neighborhood of the Cannabis business, Door to Door, flyers to each address, phone calls, mailing to each address:
		When were such contacts made (check all that apply): before opening after opening within past two months more than 6 months ago
	•	Describe area used as neighborhood contacted (i.e. within 1 block, within 500 foot radius, other)
*	busines	ure Communication Method: Describe the information provided to neighboring residents and sses on how to contact business in case of problems related to Cannabis business (i.e. 24/7 cell r of owner, phone number posted at business, other):
	•	Businesses contact person's name and phone number:
	•	Describe other methods in which neighbors were advised they could contact Cannabis business in case of problems related to the business:
*	busine	ective Mitigation Planning: What neighborhood impacts do you anticipate and describe how the ss will effectively mitigate neighborhood impacts to surrounding residences and businesses, and but not limited to, noise, traffic, crowding, lights related to their business:
*		oute Resolution Process: Describe the dispute resolution procedure the Applicant will use in ent of a dispute between the surrounding neighborhood and business (check all that apply):
	•	Respond to telephone calls within 24 hours
	•	Respond to telephone calls within 48 hours
	•	Owner meeting with neighbors with concerns
	•	If dispute cannot be resolved satisfactorily, call
		for assistance resolving dispute (i.e. arbitration service business has made arrangements
		with or City of Boulder Mediation Services or Other Conflict Resolution).
*	Expect	ed Business Hours of Operation:

ATTACHMENT 6: An Operating plan narrative for proposed Cannabis business including the following in

[] FOR ALL LICENSE APPLICANTS, A statement of the amount of projected daily average and peak electrical load used by the business and a certification from the landlord and the utility provider (please attach) that the premises are already equipped for or will be upgraded for the required electrical load:				
[] FOR ALL LICENSE APPLICANTS: Name of owner or manager, who will reply to the City of Boulder, and applicant representative's phone number and email address when premise inspection or city enforcement contact is required:				
[] FOR ALL LICENSE APPLICANTS, Provide addresses of all other Colorado business operating under this applicant entity:				
[] FOR ALL LICENSE APPLICANTS, Describe plan for locked disposal of any hemp materialerial or infused product in a manner that protects any portion thereof from being possessed or ingested by any person or animal and that renders disposed of product unusable and unrecognizable:				
[] FOR ALL LICENSE APPLICANTS, Describe plan for ventilation of business that indicates ventilation systems that will be used to prevent any odor of cannabis from leaving licensed premises. For infused product businesses, such plan shall also include all ventilation systems used to mitigate noxious gases or other fumes used or created as part of production process:				
[] FOR ALL LICENSE APPLICANTS, Please include a description of all toxic, flammable, or other materials regulated by federal, state or local government with authority over the business that w be used or kept at the business. location of such materials and how such materials will be store				
[] FOR ALL LICENSE APPLICANTS, A description of the products to be produced by the business, including an indication of whether or not the business proposes to engage in the production of retail sale of food or other products for human ingestion, and whether any products or services will be provided at a location different than the address on the license application:				
[] FOR ALL LICENSE APPLICANTS, a description of the plan that specifies methods to be used to prevent growth of harmful mold and for compliance with limitations on discharge into the was				

19 1.

system of the city as set forth in Chapter 11-3, "Industrial and Prohibited Discharges,"B.R.C. 19 1 B.R.C.

for Extraction/Production (MIP) Facilities including but not limited to:
*[] Does your MIP business location have plants at the premise?
* [] What is your premise square footage?
*[] Does your MIP location have one-hour fire rate walls up to the ceiling to separate the proposed MIP licensed premise and licensed premise with separate entrance and exit doors?:
* [] Does your supply come from a Boulder, and if not, what location is the product coming from?:
* [][For license applications where ingestible item production will occur, the Operating Plan must describe how the applicant will meet the health and safety standards for a retail food establishment standards in 25-4-1601 et seq. C.R.S.
*[] Has your business yet hired industrial hygienist to produce verification report? If not, this report will be required to confirm adequate protection of persons and property. Please provide approximate date that industrial hygienist will be hired:
*[]Describe the products and services to be provided by business, including anthe cannabis indication of whether or not the business proposes to engage in the production of retail sale of food or other products for human ingestion, and whether any products or services will be provided at a location different than the address on the license application:
* [] Describe product(s) to be manufactured at this location:
 [] Describe means used for extraction, heating, washing or otherwise changing hemp plants for each product and verify compliance with ventilation, safety measures for each process:

[] for Cultivation facilities , including but not limited to:	
Total square footage of location (please note t 15,000 sq. feet).	hat licensed locations cannot exceed
Maximum number of plants at this location:	
Maximum number of lights at this location:	
Wattage for lights used:	
Are customers allowed at this location?:	
Describe plan for ventilation of the business that in be used to prevent any odor of hemp off the busin	•
Describe plan to organize facility in organized rows as premise diagram with 3 foot aisles and plant rows): _	

General Floor Plan Check Sheet

Please attach a dimensioned floor plan diagram [with color highlighter used to differentiate between licensed and non-licensed area, and differentiating employee only and public area] with all levels and floors displayed and clearly labeled. This must be on either 8 ½" x 11" or 11" x 17" paper and diagrams must depict the following:

Square Footage of proposed licensed premise
The principal uses of the floor area labeled on the floor plan, including, but not limited to, the areas where general public/ employees only will be permitted, business office location for books and records, storage areas, stairs, cultivation area with space between rows marked, and areas where or manufacturer infused products will be processed or distributed.
Location of posting of licenses and registration certificates and MSDS sheets Location at MSDS sheets are stored and licenses/certificates are posted
[] Storage areas for toxic, flammable, or other materials and chemicals, if any
[] All interior walls and doors listed and marked as to if they are locked
[] Ventilation capabilities and room locations
Production areas if any, which shall not be open to any persons other than those employed by the business, if applicable
[] Front and back premise exterior lighting of licensed premises
[] All Exterior Entrances and Exits noted as to if they are locked
and whether facility is locked
[] All Exterior Windows and means that view to interior will be obscured from exteriorand manner used so that interior of facility is view obscured



Dear Industry Representative,

The City of Boulder maintains an Industrial Pretreatment Program, as required by the U.S. Environmental Protection Agency (EPA). The Pretreatment Program's objective is to protect the wastewater collection system, wastewater treatment plant, and system workers by monitoring the waste streams entering the sanitary sewer. City staff routinely gather information on businesses in order to characterize the waste streams that might adversely affect wastewater operations (Boulder Revised Code 11-3-14).

Please complete and return the attached questionnaire within 10 business days of receipt of this letter. City staff will review the questionnaire to identify and characterize process wastewater discharges from your facility. After reviewing the completed questionnaire, a follow-up site inspection may be required.

If you have questions on the information requested, please contact me at ericksonc@bouldercolorado.gov or 303-413-7360.

Sincerely,

Caroline Erickson

Water Quality Inspector



General Information

Name of Business_ Facility Address __

A.

Industrial/Commercial Business Questionnaire

Please complete and return the questionnaire (email or USPS) within 10 days of receipt of the attached letter.

Email: cobpretreatment@bouldercolorado.gov US Postal Service: City of Boulder

Industrial Pretreatment Program 4049 75th St. Boulder CO 80301

3. City, State, Zip		
4. Contact		
5. Phone	Email	
		N - H
F 1 8 40 00 00 00 00		
oduct/Service Information		
1. Give a brief description of the	operations at this facility including prima	ary products and services.
		*
Circle all activities that occur a	at your facility.	
Assembly	Biotechnology	Brewery/Distillery
Chemical Manufacturing	Cooling Towers	Electroplating
Engraving/Coating	Flammables/Explosives	Food Processing
Food Preparation/Food Serving	Laboratory	Laundry/Dry Cleaning
Marijuana Dispensary	Marijuana/Hemp Cultivation	Marijuana/Hemp Extraction
Medical Care	Metal Finishing	Offices
Painting/Stripping/Finishing	Plant Wash Down	Plastics Molding/Forming
Precision Machining	Photo Processing	Printing
Research	Retail	Warehouse storage
Wood Preserving/Finishing	X-ray processing	Other (Specify)
		H1 2 2 2 3 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3

		isposal Information						
1.	List types and amo	ounts of chemicals used in g the letter that corresponds t	allons pe to the ap	er day. Indicate the metho propriate method listed be	od of dispo	osal for each		
	Method of A Disposal:	Discharge to city sewer system with no treatment.	D.	On-site storage, treatment,	, or disposa	al.		
	В.	Discharge to city sewer system after pretreatment.	E.	Shipment off-site by outside hazardous waste haule waste management facility.				
	C.	Placement with trash for collection.	F.	F. Other (specify)				
	C	Chemical Used		ount (gallons per day)	Meth	Method of Disposal		
			+			n = 1		
			<					
	120 120			e "		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
					2	KE UP		
			- 1					
2.	If an outside firm	removes hazardous waste, s	tate the	name and address of all v	vaste hau	lers and indicate		
2.	If an outside firm the frequency of p	oick-up.	tate the	name and address of all v	vaste hau			
2.	the frequency of p	oick-up.	tate the		vaste hau			
2.	the frequency of p	oick-up.	tate the		5671			
2.	Name of Wast	e Hauler		Address	5671			
2.	Name of Wast	oick-up.		Address	5671			
3.	Name of Wast	e Hauler		Address	5671			
3. Cert	Name of Wast Page 15	e Hauler	(if applic	Address able)		Frequency		
3. Cert	Name of Wast Name of Wast EPA Hazardous V ification reby certify that the in	Vaste Identification Number formation found in this application the best of my knowledge	(if applic	able) familiar to me, is complete	e, and rep	Frequency		
3. Cert	Name of Wast Name of Wast EPA Hazardous V ification reby certify that the in	e Hauler Vaste Identification Number formation found in this applic	(if applic	Address able)	e, and rep	Frequency		

CITY ATTACHMENT EXAMPLES

1) NEED: CERTIFICATE OF LIABILITY INSURANCE								
(Insurance card copy not sufficient)	882	ONLY A	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.					
		INSURERS AFF	INSURERS AFFORDING COVERAGE					
NSURED		INSURER A:	INSURER A: L SOUTHWEST					
	INSURER B: AL	INSURER B: AUTO OWNERS INS. CO.						
BOULDER CO 80304	INSURER C:							
	1	INSURER D:						
COVERAGES		INSURER E:						
HE POLICIES OF INSURANCE LISTED BELOW HA NY REQUIREMENT, TERM OR CONDITION OF AN LAY PERTAIN, THE INSURANCE AFFORDED BY TO OLICIES. AGGREGATE LIMITS SHOWN MAY HAVE	Y CONTRACT OR OTHER D HE POLICIES DESCRIBED HE	OCUMENT WITH RESPE	CT TO WHICH THIS O	JEHITICATE MAY BE ISSUED	OH			
SR ADDIL TR INSRD TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS				
GENERAL LIABILITY	TV-Supremental Control	04/19/11	04/19/12	EACH OCCURRENCE	\$	1,000,000		
X COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurence)	s			
CLAIMS MADE X OCCUR		1	1	MED. EXP (Any one person)	s			
Α				PERSONAL & ADV INJURY	\$	1,000,00		
	2> General Liab	ility Insurance at	this level >	GENERAL AGGREGATE	\$	2,000,00		
GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS-COMP/OP AGG	\$			
AUTOMOBILE LIABILITY ANY AUTO				COMBINED SINGLE LIMIT (Ea accident)	\$			
ALL OWNED AUTOS	or a Truck Vehicle, w wing a Concession T	 hether driven alor Frailer, Insurance	ne or at this level >	BODILY INJURY (Per person) *State of Colorado Minimum Insuran Limits Required				
				PROPERTY DAMAGE (Per accident)	s			
GARAGE LIABILITY			0.000	AUTO ONLY - EA ACCIDENT	\$			
ANY AUTO				OTHER THAN EA ACC	s 3 \$	And of		
EXCESS / UMBRELLA LIABILITY				EACH OCCURRENCE	s			
OCCUR CLAIMS MADE				AGGREGATE	5			
					\$			
DEDUCTIBLE					\$			
RETENTION \$		1		WC STATU- CTUST	\$			
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				TORY LIMITS OTHER	n e	-		
ANY PROPRIETORPARTNER/EXECUTIVE	licensee will have		or the	E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE	s	-		
OFFICER/MEMBER EXCLUDED? Hyes, describs under	business (not just owners).			E.L. DISEASE-POLICY LIMIT	s			
SPECIAL PROVISIONS below		1		E.C. DISEASE-POLIOT CIMIT	1	<u></u>		
OTHER:								
	. 25			<u> </u>				
DESCRIPTION OF OPERATIONS/LOCA 5.7 City of E	TIONS/VEHICLES/EXC Boulder are additionally	LUSIONS ADDED B Insured with insur	Y ENDORSEMEN ance with respec	NT/SPECIAL PROVISION It to general liability.	S			
CERTIFICATE HOLDER .		CANCE	LLATION					
The City of Boulder PO Box 791 Boulder, Co 80301		EXPIRATION WRITTEN N TO DO SO S	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, IT'S AGENTS OR REPRESENTATIVES					
Attention: Tax and Licen	go Division	AUTHORIZE	D REPRESENTATIVE	Steve how	Blul	chee		
Allention: Tax and Breen	De Divibion			Citate Longer	Tyonor			

Instructions for Requesting Inspections of Hemp Businesses:

1) Send <u>ONE</u> group email to the below departments so we can "Reply All" when coordinating a time to inspect. Please do not call or email us separately to schedule inspections. Include all five email addresses below on your inspection request email.

Building: Jon Bergelin bergelinj@bouldercolorado.gov

Kevin Bennett bennettk@bouldercolorado.gov

Fire: Mike Rangel <u>rangelm@bouldercolorado.gov</u>

Police: Rebecca Bostrack bostrackr@bouldercolorado.gov

<u>Licensing</u>: <u>licensestaff@bouldercolorado.gov</u>

- 2) Include the following information in your inspection request email:
 - a. LLC name and trade name of your business, if different
 - b. city license number
 - c. premise address of inspection to include suite or unit numbers, if applicable
 - d. business phone number
 - e. type of premise to be inspected (i.e., cultivation or processing)
 - f. business owner name, contact number(s) and email
 - g. business manager name, contact number(s) and email
 - h. property manager name, contact number(s) and email
 - i. emergency contact name, contact number(s) and email
 - i. * a contact phone number for the day of inspection in case we are early or late
 - k. If you have a cultivation facility, attach your Odor Control Plan (OCP).
 - I. Let us know if you have had a pest or mold infestation within the past ninety days so we can schedule your business as the last inspection of the day as a courtesy to other businesses.

- 3) * List ALL your licenses in the email as we will complete inspections of all your licenses in one day. Our inspections will be valid for one year from each license expiration date no matter how far apart the expiration dates are. We will advise City Licensing that our inspections cover all your licenses. You will still be responsible to submit the inspection report at each license renewal. City Licensing will not maintain inspection reports for you.
- 4) Request inspections within one week after receiving your notice from the City Licensing Office.

 ***This is very important as our schedules are busy and your license may expire if you do not request inspections within one week of receiving your notice.
- 5) Please do not harvest or trim during city inspections.
- 6) At least two owners and/or managers must on site and available during inspections.
- 8) We will usually schedule group inspections on Tuesdays, Wednesdays, or Thursdays.
- 9) Our inspection checklists are located at: https://bouldercolorado.gov/services/hemp-business-license
- 10) Please be sure your email address is on Licensing's email distribution list to receive hemp business updates from the city. You can email <u>Licensingonline@bouldercolorado.gov</u> and request to be added.

ODOR CONTROL PLAN EXAMPLE

This example will demonstrate the level of detail expected in the OCP

(All information is fabricated and not intended to represent any existing facility)

Business Name and Cool Logo Go Here (if you want)

ODOR CONTROL PLAN (OCP) FOR CANNABIS CULTIVATION

The following Odor Control Plan (OCP) was developed to establish consistent and compliant business practices based on the requirement outlined by the Boulder Revised Code for cannabis businesses.

NOTE: If the owner or operator of a facility believes that certain information contained in its odor control plan is confidential, they should clearly mark all information as such. This does not guarantee that such information will be exempt from disclosure under the Colorado Open Records Act. See C.R.S.§24-72-200.r-206.

1. FACILITY INFORMATION

- a. Name of facility (list both LLC name and Trade name):
 - 1) Good Times LLC / Tried and True
- b. Name, phone number, and email of facility owner/licensee:
 - 1) Joe Smith, 720-309-3461, joesmith@gmail.com
- c. Name, phone number, and email of facility manager, and any authorized keyholders:
 - 1) Jane Kelly (Facility Manager): 303-445-9076; janekelly@gmail.com
 - 2) Jonah Belly: 607-351-9371; candy4me@gmail.com
 - 3) Tom King: 908-456-9071; kinglyj@gmail.com
 - 4) Kim Little: 407-345-9087; littlek@gmail.com
- d. Facility physical address: 1227 Quiet Lane Unit B Boulder, CO. 80302
- e. Facility mailing address: 6100 S. 98th Ave Denver, CO. 60721
- f. Facility type: Cultivation
 - g. Facility hours of operation: 8am-9pm Sunday Saturday
- **g. Description of facility operations:** Facility operations include growing and processing of raw CBD product. Harvest stages occur once every six weeks.
- h. Emergency contact information:
 - 1) Joe Smith (Owner): 720-309-3461; joesmith@gmail.com

2) Jane Kelly (Facility Manager): 303-445-9076

j. City business license number: 2020-00400

2. FACILITY ODOR EMISSIONS INFORMATION

a. Facility floor plan:

- 1) Carbon filter locations marked in GREEN
- 2) Odor sources marked in RED

THIS IS VERY IMPORTANT - ATTACH FLOORPLAN HERE (at a minimum include):

- 1) Mark **cubic** room size for each room.
- 2) Mark names of each room (i.e., "FLOWER ROOM/WEST" OR "DRY ROOM")
- 3) Mark locations of carbon filters and fans
- 4) Mark carbon filters as either standing or hanging
- 5) Mark locations of scrubbing filters and exhaust filters
- 6) Mark odor sources such as flower rooms and trim rooms
- 7) Attach carbon filter manufacturer information to this OCP

***You may need an architect to help you draft a floorplan.

b. Specific odor-emitting activities:

This section should describe the odor-emitting activities or processes (e.g., harvesting) that take place at the facility, the source(s) (e.g., budding plants) of those odors, and reference the location(s) from which they are emitted (e.g., flowering room) on the floor plan.

- 1) Flower Rooms: Flowering plants emit most of the odor coming from grow facility. These plants are in "Flower Room 1/East & "Flower Room 2/West. The harvesting process for plants occur within their own flower rooms and are transferred via cart to the "Dry/Security" room
- 2) <u>Dry Room</u>: In this room, fully mature and harvested flowering plants are stored and dried before being processed by the trim crew. During drying periods, this room will be the main source of odor emissions.
- 3) <u>Trim/Storage Room</u>: Once plants in dry room are fully dry, they will be transferred to this room (refer to facility floor plan) for processing (bucking/de-stemming) and transferred back to "Dry room" until the final trim process. Bucking, de-stemming and trimming are all processes that agitate the product and produce a significant amount of odor.
- 4) <u>Waste/Shredding Room</u>: Once waste has accumulated, employees will use an electric woodchipper in this room to break down left-over plant waste that will then be mixed with soil or a similar substance to render product unusable and unrecognizable per local and state regulation.

c. Phases (timing, length, etc.) of odor-emitting activities:

This section should describe the phases of the odor-emitting activities that take place at the facility (e.g., harvesting), with what frequency they take place (e.g., every two weeks on Tuesdays), the times of day that they take place (e.g. each Wednesday from 5AM to 7AM), and how long they last (e.g.,48 hours).

1) Harvesting: Harvesting occurs once every 6 weeks at which point odor-emissions can be

- expected to be at their peak in the flowering rooms until the end of the day at which point all harvested plants are transferred to the dry room.
- 2) <u>Dry Room</u>: The "Dry Room" will have increased odor emissions following the harvesting process and will decrease significantly over the course of 7-10 days and eventually be gone once the bucking process is undergone.
- 3) <u>Trim/Storage Room</u>: 7-10 days following the harvesting process, the plants in "Dry Room" will be de-stemmed/bucked and stored in air-tight containers. Once product is in air-tight containers, odor emissions are lessened until the final trim process. The final trim process is typically completed 10-20 days following a harvest.
- 4) <u>Waste/Shredding Room</u>: Waste typically accumulates a week after a harvest has been completed due to the de-bucking of dry stems from dry plants. The process of shredding will last approximately an hour on these days.
- 3. ODOR MITIGATION PRACTICES (based on industry-specific best control technologies and best management practices) For each odor-emitting source/process outlined in Section 3(b) of the Odor Control Plan, specify the administrative and engineering controls the facility implements or will implement to control odors. Descriptions of 'administrative controls' and 'engineering controls' shall include, but are not limited to, the following sections:

a. Administrative Controls

- 1) **Procedural activities:** The following procedures should be followed to contain odor-emission and ensure maximum efficacy of carbon filters.
 - a. Flower Rooms: Doors to flowering rooms should always remain closed.
 - b. <u>Dry Room</u>: Once the room has been populated with drying plants, the door is to remain shut. If any activity happens in dry room, door should be shut.
 - c. <u>Trim/Storage Room</u>: During any type of trimming activity, the doors leading to other areas are to remain shut to prevent odorous draft from entering common area, neighboring businesses and outdoors.
 - d. Waste/Shredding Room: Before chipping begins, close door and turn on air filter.
- 2) **Staff training procedures:** As outlined above, caution is to be taken when odor-emitting activities happen. This section will outline the responsibilities for management while ensuring engineering components are functioning properly. This plan in its entirety will serve as training for employees and outline designated responsibilities. This plan will be read in its entirety annually and be accompanied by a signed sheet to ensure employees understand and agree to delegated responsibilities. Changes in staffing will be reflected on this plan.
 - a. Flower Rooms:
 - 1) Flower 1/East: John Smith is solely responsible for ensuring both the door to flower remains closed as well as ensuring fans and filters are functioning as designed and maintaining said equipment. Check if fans are running and place hand on mesh grating of carbon filter to ensure air flow through filter is occurring. This check should be done at the end of every day. Replacement of carbon filters happens every 6 months. Instructions for replacing filters can be found in the manufacturer's handbook and the facility administration should produce these handbooks upon request. After replacing a filter, maintenance will be recorded on filter-maintenance log. These logs will be produced by administration.
 - 2) Flower 2/West: Jane Doe is solely responsible for ensuring both the door to

flower remains closed as well as ensuring fans and filters are functioning as designed and maintaining said equipment. Check if fans are running and place hand on mesh grating of carbon filter to ensure air flow through filter is occurring. This check should be done at the end of every day. Replacement of carbon filters happens every 6 months. Instructions for replacing filters can be found in the manufacturer's handbook and the facility administration should produce these handbooks upon request. After replacing a filter, maintenance will be recorded on filter-maintenance log. These logs will be produced by administration.

b. Other Rooms:

- 3) Veg 1/Mother's Veg: Chris Hanson is solely responsible for ensuring both the door to flower remains closed as well as ensuring fans and filters are functioning as designed and maintaining said equipment. Check if fans are running and place hand on mesh grating of carbon filter to ensure air flow through filter is occurring. This check should be done at the end of every day. Replacement of carbon filters happens every 6 months. Instructions for replacing filters can be found in the manufacturer's handbook and the facility administration should produce these handbooks upon request. After replacing a filter, maintenance will be recorded on filter-maintenance log. These logs will be produced by administration.
- 4) **Trim/Storage**: Leah Wright is solely responsible for ensuring both the door to flower remains closed as well as ensuring fans and filters are functioning as designed and maintaining said equipment. Check if fans are running and place hand on mesh grating of carbon filter to ensure air flow through filter is occurring. This check should be done at the end of every day. Replacement of carbon filters happens every 6 months. Instructions for replacing filters can be found in the manufacturer's handbook and the facility administration should produce these handbooks upon request. After replacing a filter, maintenance will be recorded on filter-maintenance log. These logs will be produced by administration.
- 5) Waste/Shredding Area: Odor mitigation during the waste process is a collective effort of the team. All employees chipping and wasting product should ensure doors are closed and the particulate and standing carbon filter are functioning properly. Engineering controls outlined in 3) Veg/Mother's Veg are enough for odor mitigation.
- 6) **Break Room/Mantrap**: Sam Wood is responsible for ensuring the doors to the break room and common entry/mantrap remain closed.
- 3) **Recordkeeping systems and forms:** To ensure and provide proof that the odor control plan is being properly adhered to, a series of control documents will be used in conjunction with this plan. The documents will be made available by administration upon request.
 - a. <u>Records of Purchase of Replacement Carbon</u>: When purchasing replacements for filters, new can fans or carbon filter tanks, provide proof of purchase to administration. Acceptable forms of documentation are; receipts, invoices, delivery receipts, etc.
 - **b.** <u>Performed Maintenance Log</u>: The performed maintenance log will be kept by administration and will be made available upon request. This log will track all maintenance done to carbon filtration systems. "Maintenance" includes filter changes, can-fan replacements, ducting replacements and carbon filter tank replacements.
 - **c.** <u>Documentation of Malfunctions</u>: Malfunction sheets will be made available by administration. If a malfunction is recognized during daily inspection of carbon filtration, the employee will document the malfunction on the malfunction log. Document malfunctions on malfunction log and maintenance performed to resolve

- malfunction on maintenance log.
- **d.** <u>Performed Training Session Log</u>: Sign sheet to ensure that employees understand and agree to their delegated responsibilities.
- e. <u>Routine Maintenance Signs</u>: These signs are to be placed on each carbon filtration system to serve as a reminder for when 6-month filter replacement is due. These signs will contain an emboldened date marking the date filter needs to be replaced as well as a number that serves as a reference for which filter in the room it is.

b. Engineering Controls

1) The best control technology for cannabis cultivation facilities is carbon filtration. Tried and True's engineering controls are consistent with accepted and available industry specific best control technologies designed to effectively mitigate odors for all odor sources.

2) Components of engineering controls:

This section shall include, but is not limited to, technical system design, a description of technical process(es), and an equipment maintenance plan.

***You may need a mechanical engineer to complete accurate calculations for you.

a. System design: To sufficiently prove engineering odor control effectiveness, this section will be broken down by the sources of odor and the plan to contain said odor. This will include manufacturer CFM ratings for filtration systems, number of carbon filters per cubic feet and run times for each system per the maintenance plane previously outlined. Manufacturer's information is located after this section.

1) Flower Rooms:

- 1. Flower 1/East (27,223.58 cubic ft): This flower room is equipped with the following equipment to mitigate odors from both flowering and harvesting activities that happen in this room. Ducting is run directly outside via openings in roof. Given that the fans are a lower CFM, the following calculations will be based on their CFM rating. 1 carbon filter per 13,611.79 cubic ft. Filters run 24/7. All air in room is exchanged after (27,223.58 cubic ft / 2120 CFM =) 12.84 minutes.
 - a) DuraBreeze Lite Carbon Filter 12"x 40", 1700 CFM x 2
 - b) DuraBreeze Inline Fan 12" 1060 CFM x 2
- 2. Flower 2/West (30,613.58 cubic ft): This flower room is equipped with the following equipment to mitigate odors from both flowering and harvesting activities that happen in this room. Ducting is run directly outside via openings in roof. Given that the fans are a lower CFM, the following calculations will be based on their CFM rating. 1 carbon filter per 15,306.79 cubic ft. Filters run 24/7. All air in room is exchanged after (30,613.58 cubic ft / 2,2727 CFM =) 11.23 minutes.
 - a) DuraBreeze Lite Carbon Filter 12"x 40", 1700 CFM x
 - b) Max-Fan Inline Fan 12" 1708 CFM x 1

- c) DuraBreeze Lite Carbon Filter 10"x 40", 1400 CFM x
- d) Max-Fan Inline Fan 10" 1019 CFM x 1

2) Vegetative Rooms:

- 1. Veg 1 (13,995.3 cubic ft): This room is equipped with the following equipment to mitigate odors that may draft into room from other odor emitting activities. Ducting is run directly outside via openings in roof. Given that the fans are a lower CFM, the following calculations will be based on their CFM rating. 1 carbon filter per 13,993.5 cubic ft. Filters run 24/7. All air in room is exchanged after (13,993.5 cubic ft / 780 CFM =) 17.94 minutes.
 - a) DuraBreeze Lite Carbon Filter 10"x 40", 1400 CFM x 1
 - b) DuraBreeze Inline Fan 10" 780 CFM x 1
- 2. Mother's Veg (18,553.5 cubic ft): This room is equipped with the following equipment to mitigate odors that may draft into room from other odor emitting activities. Ducting is run directly outside via openings in roof. Given that the fans are a lower CFM, the following calculations will be based on their CFM rating. 1 carbon filter per 9,276.75 cubic ft. Filters run 24/7. All air in room is exchanged after (18,553.5 cubic ft / 1,799 CFM=) 10.31 minutes.
 - a) DuraBreeze Lite Carbon Filter 10"x 40", 1400 CFM x 1
 - b) DuraBreeze Inline Fan 10" 780 CFM x 1
 - c) DuraBreeze Lite Carbon Filter 10"x 40", 1400 CFM x 1
 - d) Max-Fan Inline Fan 10" 1,019 CFM x 1
- 3) **Trim/Storage Room** (4,474.5 cubic ft): This room is equipped with the following equipment to mitigate odors that are emitted during trimming activities. Ducting is run directly outside via openings on roof. Given that fans are a lower CFM, the following calculations will be based on their CFM rating. 1 carbon filter per 4,474.5 cubic ft. Filters run 24/7. All air in room is exchanged after (4,474.5 cubic ft / 1,019 CFM =) 4.39 minutes.
 - a) DuraBreeze Lite Carbon Filter 10" x 40", 1400 CFM x 1
 - b) Max-Fan Inline Fan 10" 1.019 CFM x 1
- 4) **Dry Room** (7,618 cubic ft): This room is equipped with the following equipment to mitigate odors that are emitted during the drying of flowering plants and harvesting activities. Ducting is run directly outside via openings on roof. Given that the fans are a lower CFM, the

following calculations will be based on their CFM rating. 1 carbon filter per 7,618 cubic ft. Filters run 24/7. All air in room is exchanged after (7,618 cubic ft / 1060 CFM =) 7.19 minutes.

- a) DuraBreeze Lite Carbon Filter 12" x 40", 1700 CFM x 1
- b) DuraBreeze Inline Fan 12" 1060 CFM x 1
- **b.** Operational processes: A description of operational processes and associated delegated responsibilities can be found in section 3(a)(2). Please refer to this section for further information.
- **c.** <u>Maintenance plan</u>: Routine maintenance and replacement of carbon filters is to be completed once every 6 months. In between these periods, routine checks for any malfunctions will be done daily. Any maintenance done in between the 6-month replacement timeframe will be done only if malfunctions in filtration system occur.