

Marijuana Regulation in Yolo County

John Young
Yolo County Agricultural
Commissioner

Opening Considerations

Transition from criminal prosecution to civil prosecution

Industry has been in the shadows for a long time

Criminal element

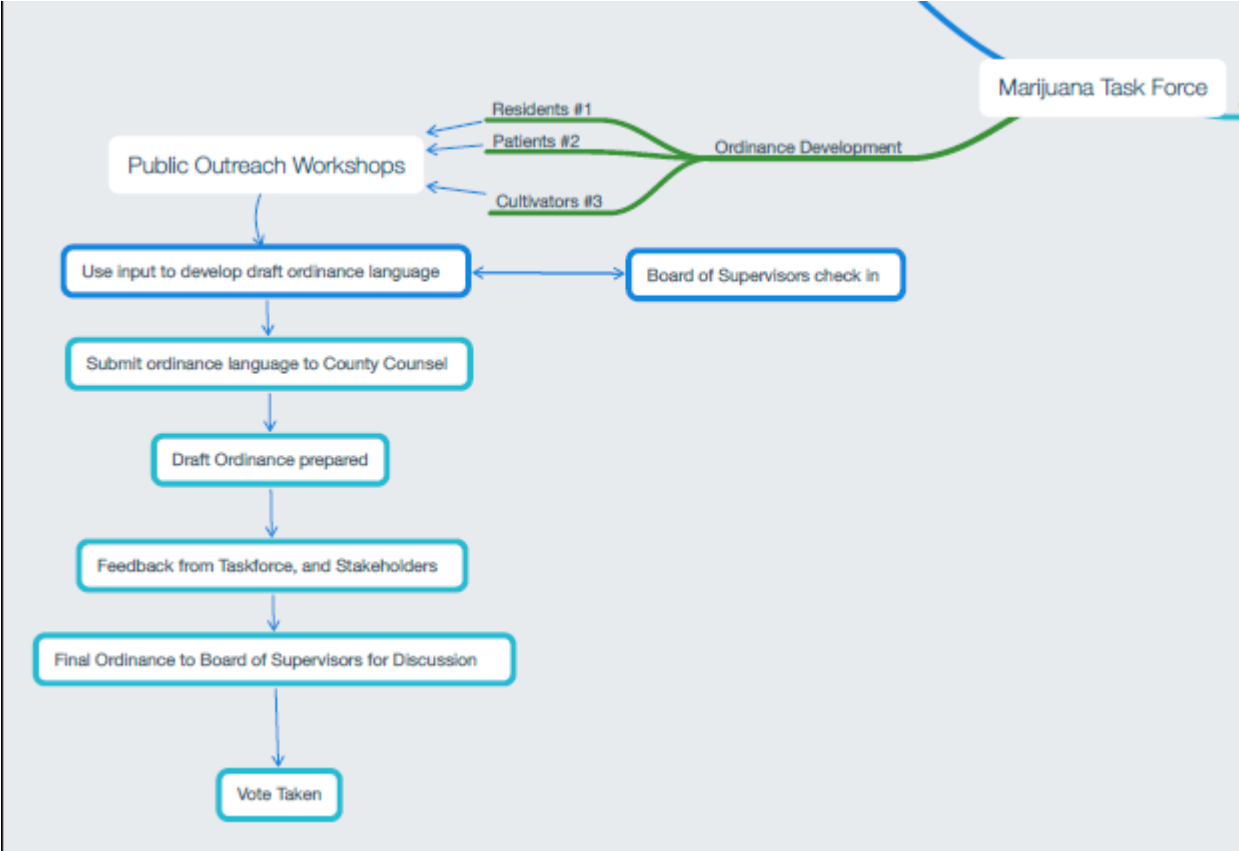
Cash based

Can't treat this industry like our traditional clients

Residents are reluctant to complain and need a safe way to do so.

AUMA Impacts

- Industrial hemp added to the mix
 - CDFA to have a program by January 1, 2017
- No size limit licenses
 - Type 5, 5A and 5B
 - Available after 1/1/2023
 - Allows vertical integration
- Unlimited type 3 licenses
- Local jurisdictions can no longer prohibit indoor cultivation of 6 plants or less for personal use (Yield potential of 18 to 24 pounds)



Legal cover for black-market operations

Limits Exemption: Patient's medical condition necessitates cultivation of up to 99 plants (combination of mature and/or immature) and 11 lbs of usable cannabis based on processing and consumption.

Recommendation Issued: 05/03/2016

Recommendation Valid Through: 05/02/2017

24-Hour Verification

Phone: 310-855-3629

Online: <https://verify.greenlifemedical.com>

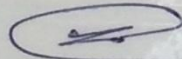
Pursuant to California's Health and Safety Code Section 11362.5

The purpose of this medical document is to identify this individual as a patient whose possession and/or cultivation of medical cannabis is permissible pursuant to California Health and Safety Code Section 11362.5 and Senate Bill 420.

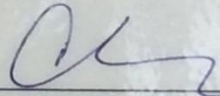
This affirms the patient listed above has been examined and evaluated by the physician indicated on this document and that the physician is licensed to practice medicine in the State of California. It is their assessment that the above-mentioned patient qualifies under California Health and Safety Code Section 11362.5 for the use of cannabis for medical purposes. If this patient chooses to use cannabis therapeutically, the staff of the clinic indicated on this document will continue to monitor the status of this patient. The attending physician is responsible for only the medicinal cannabis aspect of medical care. This patient assumes full responsibility for any and all risks associated with this treatment option. The physician has discussed the potential medical benefits and risks of cannabis use.

This patient hereby gives permission for representatives of GreenLife Medical Systems to discuss the nature of their condition(s) and the information contained within this document for verification purposes. This is a non-transferable document. This document is the property of the physician indicated on this document and can be revoked at any time without notice. Void after expiration, if altered or misused.

Patient Signature: _____



Physician Signature: _____



Physician Name: CHRISTINE RAMOS BOUDREAU, M.D.

License Number: A100757

Clinic Name: Best Health & Wellness

Clinic Address: 936 Enterprise Drive Suite A
Sacramento, CA 95825

Recommendation Verifiable By:
GreenLife Medical Systems LLC
Need Support: www.greenlifemedical.com



Unregulated Grow Conditions









Personal Exempt Grow



Indoor Grow



Charcoal filtration for odors



Fully Licensed Commercial Facility



Fully Licensed Commercial Facility



Fully Licensed Commercial Facility

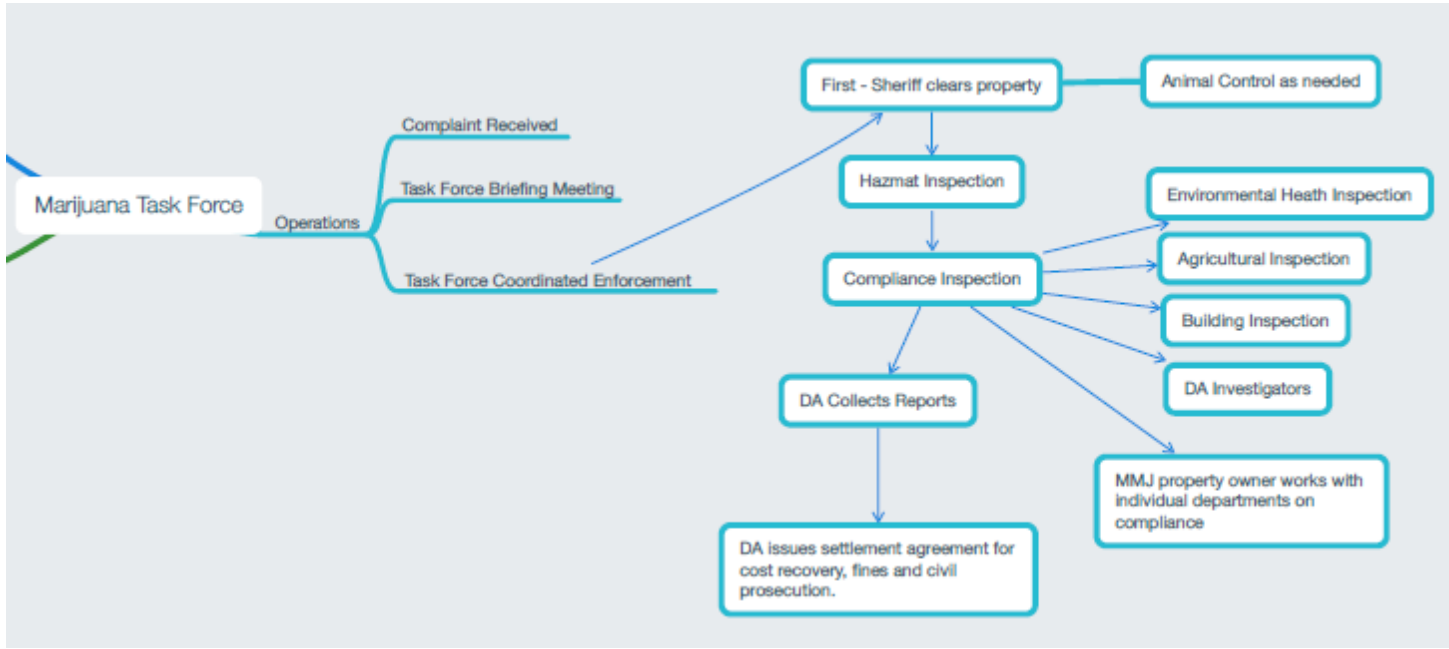


Fully Licensed Commercial Facility



Fully Licensed Commercial Facility





Marijuana Task Force

Position Title	FTEs Required	Cost
Deputy Sheriff	2	\$170,000.00
County Ag Commissioner	0.3	\$45,000.00
DA Investigator	1	\$130,000.00
Deputy Distric Attorney	0.5	\$75,204.00
Assistant County Counsel	0.5	\$87,288.00
Budget Analyst	0.5	\$70,000.00
Code Enforcement Officer	5	\$350,000.00
Animal Services Officer II	1	\$85,000.00
Ag and Standards Inspector	1	\$100,000.00
Hazardous Materials Specialist	1	\$79,413.00
Hazardous Materials Supervisor	0.2	\$17,471.40
Environmental Health Specialist	0.2	\$15,882.60
Director of Environmental Health	0.1	\$13,063.70
Supervising Environmental Health Sp Planner	0.1 0.5	\$8,735.70 \$48,462.00
Building Official	0.5	\$57,564.00
Director of Comm Serv.	0.05	\$8,454.75
Public Health Official	0.5	\$50,000.00
Health educator?		
Office Support Specialist	1	\$45,937.00
CAO Analyst	1	\$107,256.00
Administrative Assistant	1	\$52,624.00
Division Manager	1	\$130,000.00
Total Salaries		\$1,747,356.15
Benefits and OPEB Cost	56.00%	\$978,519.44
Services and Supplies Cost	36.00%	\$981,315.21
Equipment	35.00%	\$954,056.46
Department(s) overhead	2.50%	\$68,146.89
A-87	2.50%	\$68,146.89
Unemployment Insurance	0.10%	\$2,725.88
Workers Compensation	4.50%	\$122,664.40
Total Estimated Program Costs		\$4,922,931.32

Proposed Fee Structure

CBD Dominant and CBD Rich Strains					
Fee Description	Fee Amount	Unit of Measure	Estimated Revenue		
Initial Regulatory Fee over 2500 square feet	\$7,500.00	Each	100		\$750,000.00
Initial Regulatory Fee under 2500 square feet	\$1,000.00	Each	5		\$5,000.00
Hourly Inspection Fee	\$120.00	Hour			
Commercial Annual Regulatory Fee	\$0.50	Square Foot of canopy	1,502,140		\$751,070.00
Research Only Annual Regulatory Fee	\$0.50	Square Foot of canopy	43,560		\$21,780.00
All other varieties:					
Fee Description	Fee Amount	Unit of Measure	Estimated Revenue		
Initial Regulatory Fee over 2500 square feet	\$7,500.00	Each	100		\$750,000.00
Initial Regulatory Fee under 2500 square feet	\$1,000.00	Each	5		\$5,000.00
Hourly Inspection Fee	\$120.00	Hour			
Annual Regulatory Fee	\$1.75	Square Foot of canopy	1,502,140		\$2,628,745.00
Fee Description	Fee Amount	Unit of Measure	Estimated Revenue		
Personal Exemption Registration	\$100.00	Year	200		\$20,000.00
Care Giver Exemption Registration	\$500.00	Year	50		\$25,000.00
Personal Delivery License Fee	\$5,000.00	Year	30		\$150,000.00
Distributor Regulatory Fee	\$10,000.00	Year	1		\$10,000.00
Manufacturer Regulatory Fee	\$10,000.00	Year	1		\$10,000.00
Food MMJ Facility	\$10,000.00	Year	1		\$10,000.00
Processor Regulatory Fee	\$10,000.00	Year	1		\$10,000.00
			Total Revenue		\$5,146,595.00

Outdoor	Unit of Measure	Greenhouse	Unit of Measure	Indoor	Unit of Measure	Black Market	Unit of Measure
3 to 4	Pounds per plant	1 to 2	Pounds per plant	2	Ounces per plant		
1	Crop per year	3 to 4	Crops per year	6 to 8	Crops per year		
\$1,200.00	Pound	\$1,500.00	Pound	\$2,300.00	Pound	\$3,500.00	Pound
\$75.00	Ounce	\$93.75	Ounce	\$131.25	Ounce	\$218.75	Ounce
\$50.00	Square Foot	\$62.53	Square Foot	\$87.54	Square Foot	\$145.91	Square Foot
\$2,178,000.00	Acre	\$2,723,807.00	Acre	\$3,813,242.00	Acre	\$6,355,839.00	Acre

- Outdoor Grow
 - 3 to 4 pounds per plant (1 crop per year)
 - \$1,200.00 per pound
 - \$50.00 per square foot
 - \$2.2 million per acre
- Greenhouse Grow
 - 1 to 2 pounds per plant (3 to 4 crops per year)
 - \$1,500.00 per pound
 - \$62.53 per square foot
 - \$2.7 million per acre

High Level Cost Studies

- Case 1 – Non-compliant ½ Acre THC grow
 - Cost
 - 16 employees x 20 hours x \$200/hr = \$64,000
 - Proposed Revenue
 - 23,000 square feet x \$1.75/ sq. ft. = \$40,250
 - Initial regulatory fee = \$ 7,500
 - Total revenue \$ 47,750
 - Fully licensed facility cost
 - 12 employees x 20 hours x \$200/hr = \$48,000

High Level Cost Studies

- Case 2 – Non-compliant 300 square feet THC grow
 - Cost
 - 10 employees x 15 hours x \$200/hr = \$30,000
 - Proposed Revenue
 - 300 square feet x \$1.75/ sq. ft. = \$ 525
 - Initial regulatory fee = \$ 7,500
 - Total revenue \$ 8,025
 - Fully licensed facility cost
 - 4 employees x 15 hours x \$200/hr = \$12,000

High Level Cost Studies

- Case 3 – Non-compliant 200 square feet personal grow
 - Cost
 - 3 employees x 10 hours x \$200/hr = \$6,000
 - Proposed Revenue
 - Registration fee = \$ 100

High Level Cost Studies

- Case 4 – Voluntarily discontinued complaint grow
 - Cost
 - 4 employees x 5 hours x \$200/hr = \$4,000
 - Revenue
 - = \$ 0

Questions

- Contact Information
 - John.young@yolocounty.org
 - 530-666-8140