

**Isfeld, Lori**

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**From:** Correspondence Group, City Clerk's Office  
**Sent:** Saturday, June 13, 2015 11:38 AM  
**To:** Public Hearing  
**Subject:** FW: For your consideration - CannaSafe certification for Cannabis Professionals  
**Attachments:** CannaSafe (1).pdf

**From:** Tyler Shepherd s.22(1) Personal and Confidential  
**Sent:** Saturday, June 13, 2015 10:16 AM  
**To:** Correspondence Group, City Clerk's Office  
**Subject:** Re: For your consideration - CannaSafe certification for Cannabis Professionals

On Jun 13, 2015 10:13 AM, "Tyler Shepherd" s.22(1) Personal and Confidential wrote:

I apologize for the missing attachment, and have attached the file to this email. Hopefully I have not missed my chance to get you to take a look at this!

Thanks again,

On Jun 12, 2015 6:47 PM, "Tyler Shepherd" s.22(1) Personal and Confidential wrote:  
Good afternoon mayor and council!

The following is a submission for your review regarding the public hearings about the proposed regulations for medical marijuana dispensaries in Vancouver. For the record, I am wholeheartedly supportive of this move, with a few reservations about some of the details. I am looking forward to addressing you as speaker #172 in the proceedings.

This submission is an outline of a skill and knowledge certification program I have been working on as a member of Responsible Edibles and Extracts Producers, in collaboration with Brina Levitt of Green Penguin Delights (she spoke on Wednesday). It is my opinion that any regulatory effort (especially with regards to the difficult and detailed issues surrounding edibles) should involve a certification for employees like the one outlined in this document, in the way that Serving it Right and FoodSafe have ensured employees' day to day compliance with health and safety policy in other industries and businesses.

Thanks very much for your time and for hearing all of our input,

**Tyler Shepherd**  
*General Manager - Vancity Weed Medicinal Marijuana Dispensaries*

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s.22(1) Personal and Confidential

*The way I see this working from here is to review the outline and keep adding and moving modules and individual points until we are sure nothing is missing, go through a review with an expert in edibles and in extracts, and then I am prepared to actually start writing the modules and formulating the other parts of the course right now. Once that is done we can repeat the review including a little bit of a wider audience, seek a couple more partners, and start certifying people on the ground whether regulators want to engage the program or not. I think at that last stage we should not only be shopping this program to VCH and the City, but to Licensed Producers and CAMCD board/officers as well.*

## CannaSafe

*A comprehensive certificate of basic training for front line employees of Cannabis Businesses*

This program is intended to equip new and experienced cannabis professionals on the front line and managers of these individuals with the knowledge necessary to observe best practices when handling Medicinal Cannabis and related products, occupying the space of Serving it Right does for liquor and specializing FoodSafe content for the handling of edibles. Certified individuals will be able to confidently comply with City and Coastal Health regulations regarding the operation of Marijuana Businesses and the handling of food products, as well as understand well all predictable risks associated with doing these jobs in the dispensary context. A valid FoodSafe cert is a prerequisite for certification.

### Modules

#### 1. Edibles

- identifying potentially harmful or unreliable products
  - spoil
  - improper or damaged packaging and labeling
  - potential for allergic reaction
  - general production methods and standards, how to spot compliance/noncompliance
- Foodsafe in the dispensary environment
  - creating and maintaining a clean handling space
  - transition from food handling to dispensing and back
  - barriers to infection
  - sanitation beside sensitive product, airflow control
  - other links between FoodSafe and the dispensary
- Educating the patient
  - Dosage/titration
  - examples
  - role play
  - signs of overmedication
  - how to deal with overmedication

- what is different about the effects of edibles?

## **2. Concentrates**

- identifying potentially harmful or unreliable products
  - remaining solvent
  - contaminants
  - bad solvents
  - additives used for visual appeal or smell augmentation
  - improper labeling or testing
- Product Storage
  - temperature and humidity
  - preventing contamination
- use of extract consumption related equipment and methods
  - dab equipment and use
  - electric wax pens (pros and cons)
  - mixing concentrate and flower
  - fire safety
  - heat control for safe bronchi and lungs!
  - dosage control

## **3. Flowers**

- identifying potentially harmful or unreliable products
  - proper timing and methodology for harvest and cure
    - spotting overripeness
    - spotting immature product
  - fungal contaminants
    - visual inspection for Botritis and powdery mildew
    - microscope inspection for Aspergillus, common molds, and mildews
  - moisture balance
  - overfertilization
  - improper flush
- Flower selection
  - genetics
  - pain
  - sleep
  - potential for anxiogenic effects
  - active spectrum and cannabinoids
  - taste and smell, terpenes, flavonoids
  - entourage effect
  - limits of sativa/indica dichotomy
  - preconceived notions and the placebo effect
- Handling and storage
  - fluid dynamics and your flowers moisture balance
  - humidity
  - temperature

- changes over time
- storage containers
- transfer, measurement, handling
- maintaining a clean workspace and controlling contaminants in the air
- Serving flower

#### **4. Overmedication**

- From smoking
  - potential for momentary lapse in consciousness
  - what does 'green out' mean
  - responsible precautions for dab recipients
    - sit down
    - forewarned is forearmed
- From edibles
  - How to detect oncoming overmedication
  - Titration, dose management for minimizing risk
  - How to deal with overmedication
  - Talking about negative experiences with patients
- educating the patient
  - self assessment
  - Do I need medical attention?
  - Vitamin C
  - Avoiding stimulation and giving it time

#### **5. Contraindications and potential risks**

- Potential for anxiogenic effects
  - Sativa
  - Solvent based extracts
  - High THC - secondaries ratio
  - risk for general anxiety vs acute anxiety sufferers
  - potential risks for schizophrenia sufferers
- Low blood pressure
  - high risk for all cannabinoid therapies
- Immunocompromised
  - aspergillus and other fungal contaminants
  - bacterial infection
  - joint and pipe sharing
  - how to find safe method/product