

File No.: 04-1000-20-2019-676

November 21, 2019

s.22(1)

Dear s.22(1)

Re: Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")

I am responding to your request of October 30, 2019 for:

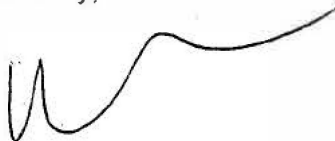
Support and objection letters and emails related to DP-2019-00631 at 2018 West 4th Avenue, from September 3, 2019 to October 10, 2019.

All responsive records are attached. Some information in the records has been severed, (blacked out), under s.22(1) of the Act. You can read or download this section here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00

Under section 52 of the Act, and within 30 business days of receipt of this letter, you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your FOI request by writing to: Office of the Information & Privacy Commissioner, info@oipc.bc.ca or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number (#04-1000-20-2019-676); 2) a copy of this letter; 3) a copy of your original request; and 4) detailed reasons why you are seeking the review.

Yours truly,



Barbara J. Van Fraassen, BA
Director, Access to Information & Privacy

Barbara.vanfraassen@vancouver.ca
453 W. 12th Avenue Vancouver BC V5Y 1V4

*If you have any questions, please email us at foi@vancouver.ca and we will respond to you as soon as possible. Or you can call the FOI Case Manager at 604.871.6584.

Encl.

:pm

Hicks, Claudia

2018 W 4th Ave.

From: s.22(1)
Sent: Thursday, September 12, 2019 2:03 PM
To: Hicks, Claudia
Subject: Development Application 2018 W. 4th Avenue

Thanks for welcoming input from members of the community in regard to the above development, against which I feel I must voice my protest. I am not in favour of marijuana-related businesses in my neighbourhood. Though I suppose the common assumption is that Kitsilano residents would welcome anything pot-related, given the history of the area, not all of us here enjoy that lifestyle nor have faith in marijuana and its derivatives as the panacea they have been proclaimed to be. I don't see this business as being especially beneficial to the area, culturally or otherwise, or to other businesses on the street. Pot shops have all the charm of the triple-X video outlets of the past, in my opinion, and are not what I want my family and visitors to take away from their experience of Kitsilano when they come to visit.

Best regards,

s.22(1)

A
✓

s.22(1)

Hicks, Claudia

2018 W 4th Ave

From: s.22(1)
Sent: Monday, September 09, 2019 11:03 AM
To: Hicks, Claudia
Subject: 2018 W 4th

Living on s.22(1) There was a drive by shooting at the 4th Ave Cannabis earlier this year & one person died. Not a good idea to extend hours.

Cheers

s.22(1)

s.22(1)

A
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Hicks, Claudia

2018 W 4th Ave.

From: s.22(1)
Sent: Monday, September 23, 2019 9:39 PM
To: Hicks, Claudia
Subject: Development application of 2018 West 4th Ave- DP -2019-00631

Hi Claudia,

My name is s.22(1) We recently received the notice of development for the above mentioned address, and the wish to turn it into a cannabis shop. We are quite against this; the reason being there are cannabis shops popping up everywhere. There are so many in this city, especially in Kitsilano. s.22(1) we know tons of other parents who are very opposed to so many cannabis shops opening in our neighbourhood. There really should be a limit of how many of these shops are opening up. At this rate, there will be more cannabis shops than sushi restaurants! IT is still a drug, and it being so rampantly available and in everyone's faces, s.22(1) will be overexposed to it, and I'm sure influenced to try it at an earlier age.

Do you know what else we can do (collect signatures, write our local mp etc) to push against this permit?

Thank you,

s.22(1)

s.22(1)

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Hicks, Claudia

2018 W 4th Ave.

From: s.22(1)
Sent: Saturday, September 07, 2019 1:30 PM
To: Hicks, Claudia
Subject: DP-2019-00631

Hello Claudia,

This is to inform you that I received a notice of development application on 2018 West 4th Avenue as I have a property in the area.

My understanding is that Fourth Avenue Cannabis applied for permission to change some space of an existing liquor store to retail for cannabis products.

I am not in favour of this application as I feel there are more than enough cannabis dispensaries in Vancouver and around the 2000 block of the West 4th neighbourhood. My opinion is that adding another cannabis dispensaries to the area is unlikely to contribute significantly to the diversity of the products and services available in the area.

Sincerely,

s.22(1)

A

Hicks, Claudia

2018 W 4th Ave.

To: s.22(1) t
Subject: RE: DP-2019-00631 Fourth Avenue Cannabis

Claudia Hicks
Project Coordinator - Development Review Branch Development, Buildings & Licensing
604.871.6083

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-----Original Message-----

From: s.22(1)
Sent: Friday, September 20, 2019 1:50 PM
To: Hicks, Claudia
Subject: DP-2019-00631 Fourth Avenue Cannabis

Hello Claudia,

I would like to document my objection to the DP application # 00631 to operate a retail cannabis store at 2018 w4th avenue for several reasons;

1. There is currently two other cannabis stores within several blocks - Budda Barn @ 2170 w4th and Cannaclic on the 1800 block of w4th. These two retail locations operate daily.
2. I also understand that you can't sell alcohol at a retail store that also sells cannabis. This may be a detail I'm not aware but if Bimini continues to sell next door (the pub or retail store) this is really pushing the provincial law and changes the block into a destination for booze and buds.

In summary - there is already several options for people to purchase cannabis within a few short blocks on this stretch of w4th. The combination of the Bimini pub and retail store adjacent to (or maybe in the same location) with cannabis creates a situation that likely doesn't fit with local or provincial laws.

Binini's already stresses the neighbourhood when people exit at late hours or can't control the crowds outside smoking on the street out front on a nightly basis.

Thank you for including this comment in your report on the application.

s.22(1)

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2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Wednesday, September 11, 2019 7:33 AM
To: Hicks, Claudia
Subject: 2018 West 4th Avenue DP-2019-00631

Dear Claudia,

s.22(1) 4th avenue and have noticed over the past few years that more and more cannabis stores have been opening. There are more than enough already to fill the demand for the area and adding more will only increase the use on some of the side streets which we are starting to see more frequently.

This area is full of young families and attracts young families to come shop and visit restaurants on weekends and would not benefit from more cannabis stores.

Thank you,

s.22(1)

A
v

Hicks, Claudia

2018 W. 4th Ave

From: s.22(1)
Sent: Friday, September 06, 2019 9:53 AM
To: Hicks, Claudia
Subject: Development Application 2018 W. 4th Avenue

Hello Ms. Hicks:

I received the notice for the above yesterday. Thank you.

I am not pleased to think another cannabis shop is going there.

There are already three currently along West 4th in the area - 2868 W 4th, 2179 W 4th, 1812 W 4th.

To me they don't add much to the community somehow. They seem to sit sort of empty a lot of the time. Busy Friday night maybe?

Frankly I think the area is well served already for this product and if I had my say I'd rather not see this additional cannabis business allowed.

Thank you for your consideration. Appreciate it!

Cheers, s.22(1)

s.22(1)

A
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Hicks, Claudia

2018 W 4th Ave

From: s.22(1)
Sent: Saturday, September 21, 2019 9:21 AM
To: Hicks, Claudia
Subject: DP-2019-00631

Good Day,

I am responding to Notice of Development Application DP-2019-00631. In respect of this development application I am opposed to any more cannabis retail outlets along the West Fourth Avenue corridor. This is primarily a residential area that has a significant number of children, schools and daycares within the area. Vancouver already has a significant problem with drug addiction and should not be promoting further usage of addictive substances - particularly in an area that is within a residential area. I, for one, don't want my child normalized to the sale and usage of cannabis. This is particularly so when there are already quite a few stores selling it along this West Fourth. It is regrettable, in my opinion, that Vancouver has allowed any cannabis stores along West Fourth in the first place.

Sincerely,

s.22(1)

s.22(1)

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2018 W 4th Ave.

Hicks, Claudia

From: s.22(1)
Sent: Thursday, September 05, 2019 10:37 AM
To: Hicks, Claudia
Subject: RE: 2019-00631

Dear Ms Hicks,

As invited I write a a neighbour to comment on this application. As I commented on a previous application, the ubiquity of cannabis outlets in my patch of 4th avenue is of great concern. Is this really what we want to be known for in Kits? While retailers selling clothing or food or stuff of value are closing we see more pot shops opening. Honestly, it is not what I want as the predominant retail activity on my high street.

I realize these invitations to comment are a matter of form so I don't actually expect my views to be considered. I seem to be unable to resist!

Sincerely

s.22(1)

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Hicks, Claudia

2018 W 4th Ave

From: s.22(1)
Sent: Saturday, September 21, 2019 10:53 AM
To: Hicks, Claudia
Subject: Opposition to : Cannabis application 2018 West 4th Avenue

Dear Ms Hicks,

I am responding to a card received in the mail inviting concerns re this application.

We are not pot users but we do drink alcohol, s.22(1) finds it convenient to walk a couple of blocks to pick up the occasional beer and bring it home from the present store, rather than walk all the way to the nearest liquor store.

So- we have absolutely no interest in this store being switched to YET ANOTHER cannabis shop in our area of West 4th. Also, quite frankly, having a late hour closing cannabis store right next to a late closing pub is a recipe for disaster!

Young people will flock to the area all nights of the week from other parts of town to party into the wee hours at both venues. The smell of smoke not to mention the loud talking and laughter that will accompany it will be disruptive for nearby residents and to the peace and quiet of our neighbourhood at night.

Kitsilano is a largely residential neighbourhood with commercial activity only along one street all of which largely closes down at 6:30 or 7:00 with exceptions of the many eateries, drug stores, supermarket and wine store. There is already a lot of party activity in the summer at the bottom of Yew Street near the beach and on Yew St in particular which loudly spills up to s.22(1) voices, shouting loudly, motorbikes ++, revving cars etc. We do not want Kitsilano to be turned into Party Central 365 days a year which would happen with a late opening cannabis store right next to a late opening pub.

We therefore oppose this application.

Regards,

s.22(1)

Sent from my iPad

A
V

2018 W 4th Ave.

Hicks, Claudia

From: s.22(1)
Sent: Wednesday, September 11, 2019 1:15 AM
To: Hicks, Claudia
Subject: DP-2019-00631 : 2018 W. 4th Ave
Attachments: 20190911142547.pdf

Dear Ms. Hicks,

The attached letter is written in response to the Notice of Development Application DP-2019-00631 for 2018 West 4th Ave.

We wish to advise the City of Vancouver Planning Department that we oppose the above mentioned development permit.

Sincerely yours,

s.22(1)

s.22(1)

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City of Vancouver
Planning Department

Re: Development Application DP-2019-00631
2018 W. 4th Avenue – Fourth Avenue Cannabis

09 September 2019

Dear Sir / Madam,

We, the undersigned, s.22(1)

We have received notice of the Development Application for change of use of 2018 W. 4th Avenue to be changed into a retail cannabis store. We wish to register our opposition to this application and urge City of Vancouver Planning Department to deny the application.

The longstanding character of the neighbourhood is that of a quiet, family oriented community. A retail cannabis outlet would be totally incongruous. In addition, the proposed location is in close proximity to several facilities which are used by small children and other vulnerable groups.

Kitsilano Area Childcare Society (daycare)	150 m distance
Delamont Park (playground frequented by toddlers / small children)	200 m distance
St. Augustine Elementary School	320 m distance
Henry Hudson Elementary School	450 m distance

We are also concerned about what the establishment of a retail cannabis outlet would have on property values and associated tax collections from the neighbourhood. It is difficult to imagine any scenario whereby the proposed cannabis outlet could elevate property prices, but there is risk that prices could drop. The prospective operators of Fourth Avenue Cannabis likely are motivated by the opportunity to generate more profits from their store; this is natural and their right to do so. However, their right to pursue profit should not come at the expense of nearby property owners and, most importantly, not by putting the most vulnerable members of the community at risk.

Again, we urge that the above mentioned Development Application should be **denied**.

Sincerely yours,
s.22(1)

s.22(1)

2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Thursday, September 05, 2019 1:45 PM
To: Hicks, Claudia
Subject: RE: Notice of Development Application 2018 West 4th Ave.

Hello Ms. Hicks,

I received notice today from the City of Vancouver regarding the application to change the use of 2018 West 4th Ave. from a Liquor Store to a Retail Cannabis Store.

I went on the vancouver.ca/devapps website and this address and application does not appear on the list. This is a problem that I am requesting to be rectified immediately so that residents can submit their opinions.

s.22(1) and I am vehemently opposed to this proposal, for the reason that this is a very densely populated residential corridor and the presence of a Cannabis store will not protect people who have allergies to cannabis or otherwise, have a strong aversion to cannabis smoke, as most users and consumers of cannabis, smoke near cannabis retail stores.

I personally feel ill after smelling cannabis and will not be able to tolerate walking down the street if there were a cannabis store at this location, s.22(1)

Thank you in advance for taking note of my concerns regarding this particular proposal and I would appreciate it very much if you could see to it that the address appears on the list of permit applications on the city's website.

Sincerely,

s.22(1)

A
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2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Friday, September 06, 2019 12:43 PM
To: Hicks, Claudia
Subject: DP-2019-00631

Hello, Claudia,

I'm writing to give comments on my disapproval of DP-2019-00631 -- retail cannabis store at 2018 W. 4th Ave. (Bimini's)

- * There is a cannabis store at 1804 W. 4th, so why should we have another one 2 blocks away at 2018?
- * Bimini's Pub does not have a good track record in consideration of the general public. Most evenings & especially on Friday & Saturday nights, there is always a large group of Bimini's customers on the sidewalk in front of the Pub & Liquor Store. Most of them are smoking & they don't move for people walking on the sidewalk. I am very sensitive to smoke & I like to freely walk on the sidewalk, so I cross to the other side of the street to avoid Bimini's crowd. If the cannabis store is added, then the same crowd will be smoking cannabis as well, adding another layer to this annoying situation. Cannabis smoke lingers longer than cigarette smoke & is repulsive to those that don't like it -- worse than skunk which it is similar to!
- * I appreciate the fact that you have closed most of the illegal cannabis stores on 4th (of which there were many -- 1952 & 1712 as examples). Please don't start adding more. There is enough cannabis smoke lingering in the neighbourhood -- I'm s.22(1) just up from 4th & just a few yards from the Arbutus Corridor where people smoke. I have rights too to not smell this disgusting chemical, but it comes wafting through my windows on a alarmingly regular basis. If there is tons of it now, won't another store contribute to the problem?
- * I'm also concerned about the bad example such a place sets for students in nearby schools and those just walking past.

Please, do not allow this application to go through!

s.22(1)

A
v

2018 W 4th Ave.

Hicks, Claudia

From: s.22(1)
Sent: Saturday, September 21, 2019 7:18 PM
To: Hicks, Claudia
Subject: Development Application for 2018 West 4th Avenue - DP-2019-00631

Hello Claudia,

I don't have a problem with 1195630 BC Ltd. (Fourth Avenue Cannabis) applying for approval to have a retail cannabis store on 4th Avenue, as it is a street for retail purposes.

However, being a resident at s.22(1) I have an issue with their proposed hours of operation – 10am – 11pm, 7 days a week.

The city engineers have made 2 changes in the last few years to the direction cars can travel on Cypress Street, and the last change resulted in more vehicles that travel and often park in the back alley between W. 3rd and 2nd Avenue.

Apparently the businesses on 4th Avenue complained about traffic and parking issues in the alley between W 4th and 3rd Avenue; that is why we have seen an increase of traffic and parking in our back alley between W. 3rd and 2nd Avenue.

This lane is designated as a commercial lane but the city has never posted any signage.

For these reasons, I request consideration be given to changing the proposed hours of operation to closing by 9pm from Monday to Friday, and to 7pm for Saturday and Sunday.

Ours is a residential neighbourhood, after all, and residents/owners should not be subjected to extra traffic and noise as a result of retail businesses on 4th Avenue.

Regards,

s.22(1)

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2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Wednesday, September 04, 2019 6:08 PM
To: Hicks, Claudia
Subject: DP-2019-00631

Hi Claudia,

I received the notice about the change of use and s.22(1)

I oppose the change of use from a liquor store to a cannabis store.

Thanks,

s.22(1)

Sent from my iPhone

A
✓

2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Wednesday, September 04, 2019 2:46 PM
To: Hicks, Claudia
Subject: Development Application Comment - DP-2019-00631

Hello:

My name is s.22(1) in the Kitsilano neighbourhood.

We received a card in the mail asking for comments regarding the development application by Fouth Avenue Cannabis for a cannabis store at 2018 West 4th Avenue (DP-2019-00631).

I would like to share my comments against this application.

I am against this application for yet another cannabis store in our neighbourhood for one main reason:

1. We already have at least two cannabis stores

Our neighbourhood already has two cannabis stores in the area:

- a. Buddha Barn at 2179 West 4th Avenue
- b. Evergreen Cannabis Store at 2868 West 4th Avenue

Do we really need a third? I am not against what people do in their spare recreational time, but the more alcohol and cannabis stores in the area the more of an adverse affect it has on our neighbourhood.

I am sure most customers of these establishments are good people, but drugs and alcohol can have a negative affect on people's health, both physical and mental. Giving people even more places to access these drugs makes the temptation to consume more ever more tempting to those who may be susceptible to addiction.

I supported the legalization of cannabis, but I do not want our neighbourhood or our city to be full just cannabis stores. It seems like we have so many already. Do we need yet another one?

Summary:

I generally support businesses and people trying to make an honest living but it has to be balanced with the effects it would have on the people that live here. I feel we have enough cannabis stores in the neighbourhood for those that wish to use cannabis and I personally would not like to see yet another in our beautiful neighbourhood.

Thank you for your time in reading my comments and thanks to the city for asking its citizens for feedback. It is always appreciated.

Sincerely,

s.22(1)

A
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2018 W 4th Ave

Hicks, Claudia

From: Reid Ogdon <ro@donnellygroup.ca>
Sent: Tuesday, September 10, 2019 1:38 PM
To: Hicks, Claudia
Cc: Dominato, Lisa
Subject: 2018 W. 4th

Hi Claudia,

I know you are busy, so I will be brief. I am writing to express serious concern for our business that is operating at 1952 West 4th, a legally licenced retail cannabis store named Hobo (formerly Lotusland). A new Development Permit Application was posted at 2018 West 4th last week, which is Biminis Cold Beer and Wine Store. We are the operators of the pub which is beside the store and while we don't have an issue with the relationship between liquor and cannabis, the store is only 100m away from our location. Obviously this flies in the face of City policy on cannabis store distancing and I am not sure why the City would even allow the application. The applicant is our landlord at the pub and we advised him that we would be unsupportive and he still brought the application forward.

Also, in our immediate vicinity Canna Clinic is operating an illegal dispensary with no pathway to become legal. This location is 200m from our legal store.

Lastly, I am looking for some direction on how to challenge these addresses. We purchased the Lotusland DP this summer with the intent of operating the first legal store in Kitsilano, these two locations are very concerning. I have reached out to Licensing and plan to address these locations with the City Councillors and Mayor.

Reid Ogdon
VP Operations

Donnelly Group
604 899-3229 * 222
www.donnellygroup.ca

DONNELLY GROUP Vancouver | Toronto

A

Hicks, Claudia

2018 W 4th Ave

From: s.22(1)
Sent: Monday, September 23, 2019 12:22 AM
To: Hicks, Claudia
Subject: Re: Development application for 2018 West 4th Ave, Vancouver (DP-2019-00631)

Dear Ms. Hicks,

My name is s.22(1) am a resident at the s.22(1)

I am writing to reflect my opinion on the above application to change the use of part or whole of existing liquor store to a retail cannabis store. Firstly, I think the city should set a limit on the number of cannabis retailers in each neighborhood and preferably none should be granted near residential districts. At the moment, there are already 3 existing cannabis retailers within few blocks of West 3rd and West 4th Avenue between Burrard and Maple Street.

The intended location is within close proximity to Henry Hudson Elementary on York at Maple Street. Developing brains of students at such young age are very vulnerable to cannabis inhalation with long term unknown irreversible negative effect on their cognitive development. In addition, all current retail locations of cannabis sales are affecting residents of the neighborhood. Neighbors and I can always smell strong cannabis vapor in the air while walking in the area after dinner. It's not fair to force me and our healthy neighbors to suffer from chronic inhalation of substance not of my choice. It certainly affects pets as well.

With proven evidence of lung cancer caused by second hand smoking after many years of clinical studies, I believe similar scenario repeats with cannabis inhalation, it would take many years to prove the harmful impact of second hand cannabis smoking on health but then it would hit the dead alley of no u-turn as the damaging effects would be permanent.

Anyways, I wish the Director of Planning would take the health of our young generations, the aging neighbors as well as our lovely pets into serious consideration for the change of use of liquor store into a retail cannabis store at the above mentioned address.

Best regards,

s.22(1)

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Hicks, Claudia

2018 W 4th Ave.

From: s.22(1)
Sent: Sunday, September 22, 2019 8:44 PM
To: Hicks, Claudia
Subject: Notice of development application

We strongly object to yet another pot shop on West 4th Avenue s.22(1) and residence. There is already a pot shop at 1812 West 4th Avenue (Canna Clinic) and the Buddha Barn at 2179 West 4th Avenue. Each of these is within 5 blocks of an elementary school. There is also a drug paraphernalia store, Puff Pipes, at 1838 West 4th Avenue which may, or may not, be selling cannabis. To allow Biminis to also sell pot will just add to the nuisance created by this business. Now there will be stoned drunks spilling out their doors at closing time. The noise level can be quite disturbing even though we have triple glazed windows.

Legalizing this drug was not the smartest thing our federal government has done. Now we, the taxpayers, have to live with the results.

We strongly object to the change of use to a retail Cannabis Store in a portion of the liquor store at 2018 West 4th Avenue. The hours of operation of 10:00 am - 11:00 pm seven days a week is totally unacceptable.

s.22(1)

A

2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Thursday, September 05, 2019 11:05 AM
To: Hicks, Claudia
Subject: DP-2019-00631

We have too many cannabis retail stores on West 4th Avenue and in Kitsilano! Nowadays there is constant stinky skunky pot smoke smells in lanes, parks, sidewalks and more discarded butts everywhere. No one polices, fines or tickets these doped up dopey offenders.

We need to encourage more mom and pop stores or small businesses, shops and eateries to return to the neighbourhood. More pot shops encourage bad elements and crime into the neighbourhood. Regular good businesses do not open up next week to cannabis shops. We don't need another scary Main & East Hastings slum in Vancouver. What kind of neighbourhoods is Director of Planning decision encouraging in Vancouver?

s.22(1)



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2018 W 4th Ave

Hicks, Claudia

From: s.22(1)
Sent: Friday, September 06, 2019 2:17 PM
To: Hicks, Claudia
Subject: FW: Non-Medical Retail Cannabis Application-4th Avenue
Attachments: Cannabis health concerns..docx

Hi Claudia

Unfortunately the legalization of Cannabis in Canada was a political one and not based on medical evidence.

I have included an abbreviated review of Adverse events as published by "UptoDate", a non-biased, not Bopharma supported, review of current evidence.

If you review the multiple co-morbidities associated with Cannabis, you will agree that this is not a benign Drug. It is promoted as a benign drug by those that have a vested interest in encouraging its' sale.

Selling Cannabis in retail outlets encourages the misperception of it as a benign drug.

s.22(1) it disgusts me that the federal government will make decisions based solely on political gain, and not in the best interests of the citizens. I trust that the City of Vancouver will not allow the rezoning for a Cannabis retail outlet in the interest of the current residents and future generations.

Sincerely,

s.22(1)

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s.22(1)

PSYCHIATRIC COMORBIDITY Cannabis use and use disorder have high

rates of comorbidity, in both directions, with several psychiatric disorders, including other substance use disorders.

Alcohol — There is substantial bidirectional comorbidity between cannabis use or cannabis use disorder and alcohol use or alcohol use disorder. 1.95) [15]. A majority of daily recreational cannabis users also binge drink alcohol [16].

Tobacco — There is substantial bidirectional comorbidity between cannabis use or cannabis use disorder and cigarette smoking.

Opiates — A cross-sectional, nationally representative survey of 36,309 community-living United States adults found that individuals with current cannabis use disorder, compared with those without, were more likely to have current opioid use disorder characteristics, alcohol and cigarette use, and psychiatric diagnoses [20].

Stimulants — A cross-sectional, nationally representative survey of 36,309 community-living United States adults found that individuals with current cannabis use disorder, compared with those without, were more likely to have current cocaine use disorder

Other psychoactive drugs — A cross-sectional, nationally representative survey of 36,309 community-living United States adults found that individuals with current cannabis use disorder, compared with those without, were more likely to have current sedative/hypnotic use disorder

Mood disorders — There is substantial comorbidity between cannabis use/cannabis use disorder and mood disorders (depression, bipolar disorder).

Schizophrenia (nonaffective psychosis) — There is substantial comorbidity between cannabis use and schizophrenia;

Anxiety disorders — There is substantial comorbidity between anxiety disorders and cannabis use.

percent, respectively; and panic disorder 7.4 (standard error 1.20) and 15.2 (standard error 2.81) percent, respectively. None of the adjusted odds ratios were significant.

Posttraumatic stress disorder — Several community-based national epidemiologic studies found comorbidity rates of around 10 percent for current cannabis use disorder and posttraumatic stress disorder (PTSD)

Hyperactivity disorder — Two studies of large, unselected populations suggest a 20 to 30 percent comorbidity rate between attention deficit hyperactivity disorder (ADHD) and

- Testicular cancer** – A meta-analysis of three case-control studies found cannabis use at least weekly associated with an increased risk.

Cardiovascular — Cannabis intake acutely increases sympathetic activity and decreases parasympathetic activity, resulting in release of catecholamines, tachycardia, vasodilation, and an increase in cardiac output and myocardial oxygen demand with little or no increase in blood

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- Myocardial infarction** – Cannabis smoking may be associated with a modest, short-lived increase in risk of acute myocardial infarction, even in individuals without a history of angina or hypertension

- Stroke** – Cannabis use has been associated with stroke, although the absolute risk appears to be small

- Atrial fibrillation** – Cannabis use has been associated with atrial fibrillation in a growing number of case reports, although the absolute risk appears to be small [92,93].

Hyperemesis syndrome — Cannabinoid hyperemesis syndrome is a well-defined but apparently relatively rare syndrome involving episodic severe nausea and vomiting and abdominal

Reproductive — Cannabis use has been found to be associated with several reproductive processes:

- Spermatogenesis**

- Prolactin**].

- Breast milk** – Cannabinoids appear in breast milk, at levels estimated at 0.8 to 2.5 percent of the maternal dose [101,107]. Limited preclinical evidence suggests that cannabis use may reduce lactation by inhibiting prolactin secretion [108].

Liver — Cannabis use is not associated with acute hepatotoxicity [109]. Daily cannabis use worsens the progression of chronic viral hepatitis C infection.

Dental — Cannabis smoking is associated acutely with dry mouth and irritated oral mucosa, chronically with leukoplakia, inflamed oral mucosa (cannabis stomatitis), increased risk of periodontal disease (gingivitis), and oral

Ophthalmologic — Cannabis causes conjunctival vasodilation (red eyes) and reduces intraocular pressure [113]. Effects of cannabis on vision are poorly understood, but may include increased photosensitivity and decreased visual acuity