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From: Kat Iverson

Sent: Wednesday, March 25, 2015 12:35 AM

To: Crawford Adam

Subject: Testimony for SB 464

My name is Kat Iverson. I and some people I know have made various cannabis extracts using glycerin, alcohol, butter and oil. Some of these are done at low heat, and some are done at room temperature, but all are easy to do safely. I do not support this bill as written. It is confusing; it seems to ban alcohol, butter, and oil (e.g. olive, canola, coconut oils) extracts, though it might not.

The bill's requirements for training and for safe equipment, procedures, and waste disposal suggests that it is aimed at people who process extracts by using butane or other highly flammable solvents. If so, then this bill has a laudable goal, since careless people have been known to blow up themselves, their houses, and their neighbors houses.

However this bill goes too far, and it shows lack of knowledge of cannabis extractions.

Paragraph (1)(A) defines an extract as a preparation made using any solvent except water or vegetable glycerin. There is no need for an exception for water, since cannabis does not dissolve in water.

Subparagraph (B) appears to add another exception, but it is unclear because it is a circular definition—the defined term is contained in the definition. Also, it almost suggests that one could make alcohol, butter or oil extracts, but not directly, since they are banned by subparagraph (A). One would have to make a glycerin extract, then dissolve the glycerin in the alcohol, butter, or oil. (That is, if butter or oil even dissolve glycerin) That is the best I can work out from the confusing definition.

These various extracts are important to people who prefer not to smoke cannabis or who because of lung disease ought not to smoke it. They are easy and safe to make at home using ordinary household equipment. As written this bill may (or may not) ban most of them

Cannabis leaves are generally not smoked, but they contain a lot of useful cannabinoid crystals, which can be extracted by one of these easy methods. The crystals can be extracted by simply soaking the leaves for some considerable period of time at room temperature in either glycerin (allowed by this bill) or alcohol (not allowed by this bill?).

Dissolving the crystals in butter requires low heat to make the butter liquid, and heat is generally used with oil, too. I suspect that more explosions result from deep frying turkeys than from these cannabis extraction methods.

I would probably support this bill if it were written clearly and if it were limited to requiring licenses for the explosive methods of extraction. I urge you not to recommend its passage in its current form.

Kat Iverson