



Napa County Board of Supervisors Meeting December 15, 2015

Presentation on E-Cigarettes and First Reading and Intent to Adopt an Ordinance Adding Electronic Smoking Devices to Section 8.08.020 in Chapter 8.08 of the Napa County Code.

What is the issue?

- **E-cigarettes are highly available and legal to “smoke” anywhere in Napa:**
 - According to the “Healthy Stores for a Healthy Community Survey” in 2013, 51-80% of Napa County stores were licensed to sell tobacco products.
 - There is very little regulation at the state and federal levels for e-cigarettes. The State of CA does not ban the use of e-cigarettes in public places, leaving it upon local jurisdictions to impose their own bans.
- **E-cigarettes are marketed as a healthful alternative to tobacco and may reverse any progress made on reducing smoking rates by “renormalizing smoking behavior.”**
 - E-cigarettes are the gateway to nicotine addiction in youth.
 - With aggressive industry tactics such as cartoon characters and candy flavors including bubble gum, fruit loops, chocolate and strawberry, it's no surprise studies show a dramatic increase in kids using e-cigarettes
 - 10 fold increase in e-cig use in teens
 - 3 fold increase in e-cig use in middle school students
- **E-cigarettes are not harmless:**
 - The California Department of Public Health considers e-cigarette use to be a major public health concern
 - E-cigarettes contain hazardous chemicals and addictive nicotine, along with
 - Polyethylene glycol (antifreeze)
 - Formaldehyde (used to preserve cadavers)
 - Lead
 - 25 other substances that the FDA classified as potentially harmful
 - 7 substances classified as carcinogenic according to California Prop 65 substances (benzene, cadmium, lead, nickel, and formaldehyde)
 - There is evidence that some hazardous substances are present in secondhand vapor.
 - Blood levels of nicotine in persons exposed to secondhand e-cigarette vapor are equivalent to what is seen in conventional cigarette exposure
 - Particulate matter in vapor is above healthy levels
 - Poison control calls related to e-cigarette liquid ingestion has increased 200 fold from 2010 to 2014
- **The American Lung Association supports including e-cigarettes in smoke-free legislation**

What can be done?

- **Reduce use of e-cigarettes in public places:**
 - Pass laws that treat e-cigarettes like tobacco products to ensure that e-cigarettes will be prohibited anywhere traditional cigarettes are banned
- **Impose marketing limits on e-cigarettes.**
- **Require retailers to obtain a license to sell e-cigarettes.**
- **Tax e-cigarettes the same way traditional cigarettes are taxed**

References:

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- Williams, M., Villarreal A., Bozhilov K., Lin S., & Talbot, P. (2013). Metal and silicate particles including nanoparticles are present in electronic cigarette cartomizer fluid and aerosol. *PLoS ONE*, 8(3): e57987.
- <http://www.lung.org/stop-smoking/smoking-facts/myths-and-facts-about-e-cigs.html>
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