

Katherine Douglas *Public Comment*

From: Villalobos, David
Sent: Wednesday, March 12, 2025 10:34 AM
To: sbcob
Subject: FW: Achieving Cannabis Odor Objectives

From: Mark Kram
Sent: Wednesday, March 12, 2025 9:52 AM
To: Laura Capps ; Bob Nelson ; Rich Lee ; Joan Hartmann ; Steve Lavagnino
Cc: Mona Miyasato ; Brittany Odermann ; wade@ccaenterprise.com; Aaron Hanke ; Chris Henson ; blayne ; Gina Fischer ; Villalobos, David ; Cory Bantilan
Subject: Achieving Cannabis Odor Objectives

Caution: This email originated from a source outside of the County of Santa Barbara. Do not click links or open attachments unless you verify the sender and know the content is safe.

Dear Supervisors Nelson, Capps, Lee, Hartmann, and Lavagnino,

Team VaporSafe supports the Board’s recent advocacy for carbon filtration to address cannabis odor challenges. While we agree that this will help reduce greenhouse odor emissions, we believe more can be done to ensure that the upcoming ordinance changes have the desired outcome.

- We have significant concerns about using the Nasal Ranger for anything beyond routine inspections. This device is not accurate and is prone to operator bias (and therefore legal challenges). If the goal is to connect community complaints to confirmed odor releases, this device will not allow the County to meet this important objective. For instance, by the time an operator drives to the complaint location, conditions will have changed. Even if the complaint is confirmed, how will one identify the odor source location? In addition, how much will it cost the County to have someone on-call waiting for complaints to be filed?
- There are less ambiguous, more pragmatic detection solutions available. We can show you how continuous monitoring can be used to answer very specific questions, including:
 - How much odor is leaving a facility’s vents?
 - What weather conditions should growers avoid when implementing specific processes (e.g., venting, harvesting, etc.)?
 - How many scrubbers are required to reduce emissions to levels that would not cause a complaint?
 - How effective is a specific vendor’s technology at reducing emissions?
 - Do scrubbers need to always be on, or can they operate on an as-needed basis to save energy and reduce their carbon footprint?

We are willing to perform a demonstration for you at no cost.

We are based in Goleta and are available to meet with you to answer questions and discuss how to achieve your goals most effectively.

Thank you for your efforts to address this important issue.

Mark Kram

Mark Kram, Ph.D., CGWP
Groundswell Technologies, LLC
7127 Hollister Ave., Suite 25A-108
Goleta, CA 93117 USA
805-899-8142 (office)
805-844-6854 (cell)
mark.kram@groundswelltech.com
www.groundswelltech.com

*Recipient of the National Ground Water Association Technology Award
Chair – ASTM Subcommittee D18.21 (Groundwater and Vadose Zone Investigations)*

Providers of VaporSafe® VI assessment, monitoring and response services (<https://vaporsafe.io>; <https://vaporsafe.io/solutions-blog/>;
<https://vaporsafe.io/faqs/>)