



June 15, 2018

**City of Santa Rosa**

Planning Department

Dear City of Santa Rosa,

I, Jason Vander Veen, am a licensed Mechanical Engineer in the State of California. I am designing the Mechanical and HVAC systems, including the Carbon Filtration System, for Sonoma CHO at 1825 Empire Industrial Court. Below is the odor mitigation plan for this project.

**Odor Control- Engineering Controls**

The proposed project at 1825 Empire Industrial Drive in Santa Rosa, CA, will comply with all of the City of Santa Rosa's odor mitigation standards set forth in Zoning Code Chapters 20-46. Carbon filtration is the industry standard method for removing cannabis related odors from exhaust system airstreams. Sonoma CHO will have a professionally installed carbon filtration system using carbon filter canisters on their exhaust and recirculation systems in the following areas: Flower Rooms A, B, C, D; Propagation, Curing, Processing, and Packaging rooms, Retail space, and storage space. In addition to having carbon filtration in all areas where cannabis odors will or may be present, Sonoma CHO will also use carbon filtration throughout common space areas throughout the rest of the building. Carbon filtration works by using activated carbon to remove contaminants and impurities from the air through chemical absorption. These filters are designed to control odors from volatile organic compounds and are the gold standard in the cannabis industry for odor control. Sonoma CHO will have their carbon filtration

system properly sized by Mechanical Engineer Jason Vander Veen and maintained by the Owner per manufacturer specifications.

### **Odor Control- Administrative Controls**

Sonoma CHO is committed to being a good neighbor and an industry leader in all aspects of the Cannabis Industry with emphasis in Carbon Filtration to ensure there is no odor nuisance present. Sonoma CHO believes in being a good neighbor and business in the community, and this means having zero impact on the surrounding areas. Utilizing industry-standard carbon filtration systems (described above) will ensure that there will be no cannabis odors detectable outside the facility, avoiding any impact on neighbors. The Owner will be given hands-on instruction regarding manufacturer's specifications for the carbon filtration system and will strictly adhere to those specifications, including with respect to periodic replacement of the carbon filters. This will ensure that the filters are always mitigating the cannabis odors to the fullest capacity possible. The Owner will maintain a schedule and keep electronic records of maintenance

performed on carbon filtration system. The Owner will train additional team members on maintenance and proper record keeping to ensure peak performance for the carbon filtration system. In addition, the Owner will train all other team members on effective odor mitigation practices such as: not leaving doors open for extended periods of time, keeping all doors closed when inside working spaces, keeping windows secure, only opening the roll up door for delivery purposes and conducting deliveries in a timely manner, and keeping all finished, packaged cannabis products sealed (as required under applicable laws).

Thank you,

VanderVeen Engineering Consultants, Inc

Jason Vander Veen, PE  
Mechanical Engineer



A handwritten signature in black ink, appearing to read "Jason Vander Veen", written below the professional seal.