

September 24, 2018

VIA Electronic Submission

Chair Mary Nichols and Members of the Board
California Air Resources Board
1001 I Street, Sacramento, CA 95814
Sacramento, CA 95812

Re: Notice Of Public Meeting To Consider Assembly Bill 617 Community Air Protection
Program - Community Selection And Program Requirements

Dear Chair Nichols and Members of the Air Resources Board:

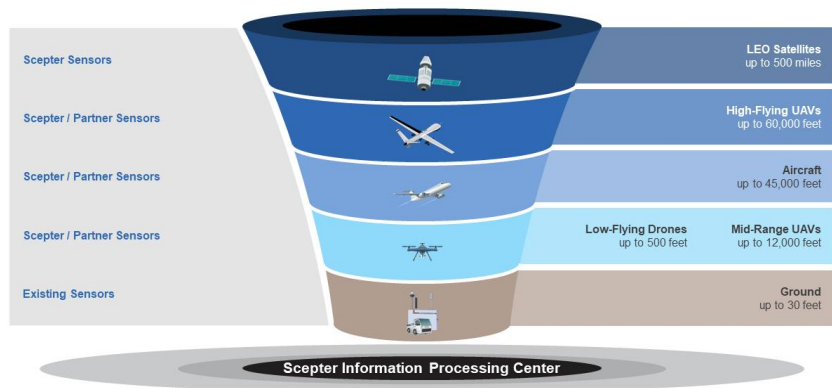
The California Air Resources Board (CARB) is charged with protecting the public from the harmful effects of air pollution and developing programs and actions to fight climate change. From requirements for clean cars and fuels to adopting innovative solutions to reduce greenhouse gas emissions, California has pioneered a range of effective approaches that have set the standard for effective air and climate programs for the nation, and the world. Moreover, recent California legislation such as Assembly Bills 32 and 617 place CARB at the forefront of monitoring criteria pollutants and greenhouse gases. Scepter, Inc. supports these programs and welcomes the opportunity to participate in ongoing discussions about how our technological capabilities and resources can assist CARB in reaching these important objectives and better protect every Californian's health and environment.

Scepter, Inc. (Scepter) is a commercial enterprise founded in 2015 providing next generation Earth observation capabilities in atmospheric monitoring. The Company's objective is to detect, analyze, and report key atmospheric on approximately 20 key air pollutants including GHGs and particulates of community, government, and regulated entity interest. Scepter's patented approach to atmospheric monitoring and data fusion integrates existing terrestrial sensor networks, aerial sensors, and drone-based sensors with Scepter's space-based sensors to provide a unique 3D view of the atmosphere. Scepter delivers an apolitical and commercial perspective unlike any other Earth-observing program today. Scepter's global, real-time incrementally processed data feeds, products and related data visualization will provide the foundation necessary for commercial, governmental and non-governmental entities to take proactive and meaningful action to combat the negative effects of pollution and climate change and improve public health, environmental justice, and the environment sooner than later.

Scepter's approach integrates existing, ground-based sensor networks with Scepter's own space-based sensors to provide a unique 3D view of the atmosphere, a perspective not being provided by anyone today. We further enhance this approach by integrating aerial sensors via partnerships and / or customer contracts. Scepter's technical approach is to bring the New Space Economy to the air regulatory bodies together with an ecosystem of corporate partners that have developed deep expertise in both terrestrial and space-based sensor technology as well as big data capabilities. Given this collaborative set of capabilities, we are in a unique position to fulfill customer requirements quickly and cost effectively. We call this approach "Integrating and

Visualizing the Vertical Air Column” and the platform to do so “ScepterAir”. Scepter will enhance existing CARB and AQMD monitoring resources to not only fill in their gaps but also provide real-time monitoring data when possible. Utilizing the patented ScepterAir atmospheric monitoring platform, AB 617’s demand for community/neighborhood “personalized information” can be met to provide California’s residents with real-time information that’s about “my neighborhood, my exposure, my friends, my child, or my loved-ones”.

Integrating the Vertical Air Column



Under the Community Air Protection Program, CARB must select communities for community air monitoring systems and/or community emissions reduction programs, establish how these must be developed and implemented, and identify new strategies for reducing pollution in all impacted communities. As an integrated earth observation and data analytics company, Scepter can assist in tackling these daunting yet achievable challenges. Most importantly, Scepter can help the air quality management districts (AQMDs) and selected communities expand air quality monitoring and assure greater transparency and improved public access to air quality and emissions data through customized reports and enhanced online tools.

In particular Scepter welcomes the opportunity to partner with and collaborate with CARB, local air districts, and community steering committees to accomplish the following:

1. Advise communities on air monitoring options (i.e., monitoring methods and equipment including terrestrial and space-based sensors and related data acquisition) that will provide their residents with better information about their community and support actions to reduce emissions and exposure within communities in as little as 12 months from the date of this meeting;
2. Establish baseline data for tracking emission reductions by identifying which emissions can be measured, air pollutants and sources contributing to the cumulative exposure burden;
3. Provide communities with real-time air quality data to improve rapid detection and communication of potentially hazardous releases to the public and support a real-time health effects advisory service;
4. Identify sources, categories of emissions, and emission types contributing to air pollution burdens within the community;
5. Enhance government and community abilities to collect data to support and measure actions to reduce emissions and track progress towards improving air quality;
6. Help place data collection in the hands of community-based organizations and researchers to support public health programs;

7. Provide technical expertise to CARB and the AQMDs to develop and implement new enforcement strategies to better address current noncompliance; and
8. Establish with our partners and clients data quality and data management needs and objectives.

Scepter, Inc. can immediately support CARB, local air districts, community steering committees, and other stakeholders to implement these near and long-term solutions. Should you have further questions, please contact me at pfather@scepterair.com.

Sincerely,

Philip Father

Philip Father, CEO
Scepter, Inc.
1533 McAllister Street
San Francisco, CA 94115