

AB 617 Community Steering Committee - Meeting # 6
May 8, 2019, 5 p.m. - 7:45 p.m.
East Fresno Boys and Girls Club
Fresno, CA

1. Doors Open/Meet and Greet/Refreshments

2. Welcome

Jessica Luternauer, Facilitator

Jessica Luternauer welcomed the committee, discussed that there was a reordering in the agenda, and introduced Heather Boldstad from OEHHA for the first presentation.

3. Health Effects of Air Contaminants

Office of Environmental Health Hazard Assessment

Heather Bolstad, PhD., from OEHHA gave a presentation titled, *Risk Assessment of Air Contaminants*. Heather is based at the Oakland OEHHA office. She reviewed the factors that can influence risk for pollution. Risk is equal to toxicity multiplied by exposure. Heather reviewed how OEHHA determines the toxicity of different compounds. She also reviewed different rates of exposure, including acute and chronic exposures. The development of health guidance values was discussed, and then Heather discussed the relative toxicity of different pollutants, including PM2.5, diesel exhaust, wood smoke, metals, and volatile organic compounds. Heather reviewed the determination of risk for different chemicals, including cancer and non-cancer risks. Finally, Heather reviewed studies that show that improved air quality can result in improvements in public health, and that air quality in Fresno has improved from 2000-2017, including levels of PM2.5. For more details on Heather's presentation, the video recording is available and a copy of her presentation is available at the following link:

<http://community.valleyair.org/media/1179/oehha-health-effects-of-air-contaminants-5819.pdf>

Heather provided answers to committee member questions related to sources of VOCs, PM2.5, arsenic, and the effects of wildfires. A committee member also asked if OEHHA had done any studies on cumulative impacts for a community. Specific comments and questions from the Steering Committee included the following:

- What year was the PM 2.5 standard identified? What was the standard?
- Where would we see VOCs happening the most?
- Do the oil and gas industries have a lot of VOCs?
- Are VOCs associated with pesticides?
- Where would we find arsenic in our environment?
- Can PM 10 enter your body through swallowing?
- Would one of the sources of wood smoke be wildfires?
- Do studies show that PM 2.5 can travel to the brain through the bloodstream?
- Is there a study that shows it causes Alzheimer's?
- Will there be any studies on the long-term effects of wildfires?
- Is there any data on highways in our area that we can look at?
- Do you have any data on community health impacts?

4. Continuing Technical Assessment Update - Update on Inventory of Emission Sources (Stationary, Mobile, and Area)

Brian Clements, Manager of Technical Services, and Alejandra Cervantes, CARB

Brian Clements provided an update on stationary source emissions inventory and available mapping tools. Brian discussed the different map updates that the District has planned for the community, including maps of sensitive receptors, relative magnitude indicators for sources of NO_x, VOCs, and PM_{2.5}, and toxics inventory. Brian reviewed the percentage of emissions from the original boundary, with the majority of pollution originating from area wide and mobile sources, and a smaller percentage of pollution originating from stationary sources. Brian showed screen shots of upcoming maps. For more details, please reference Brian's presentation at http://community.valleyair.org/media/1185/district-presentations_fresno_5-8-19_english.pdf.

Alejandra presented on CARB's updated emissions inventory, including off road mobile sources and area-wide sources. The mobile source mapping was still a work in progress, but Alejandra reviewed the upcoming information that will be available for different classes of information. For more details on Alejandra's presentation, the video recording is available and a copy of her presentation is available at http://community.valleyair.org/media/1181/carb-presentations_fresno_5-8-19_english.pdf.

Specific comments and questions from the Steering Committee included the following:

- Where does the data come from for slide 5?
- Will the inventory be online?
- What about the other website CARB is building? When will it be available?

Karen Magliano provided an overview of three different tools that CARB is in the process of developing, including an online emissions inventory portal, community level data, and a Clearinghouse for information on technologies for reducing emissions. Karen stated that this information will be available towards the end of the summer.

5. Control of Emissions for Regulated Sources

Brian Clements, Manager of Technical Services and Brian Moore, Office of Community Air Protection, CARB

Brian Clements discussed existing programs that control emissions from stationary sources and other sources of emissions in the San Joaquin Valley Air Basin. These stringent controls include nearly 650 rules and regulations, adopted to reduce pollution from a wide-range of stationary sources in order to improve Valley air quality and move towards attainment of federal health-based air quality standards. These rules and regulations effect sources such as boilers, engines, oil and gas facilities, painting operations, and agricultural operations. The District also operates programs to reduce toxic emissions, through the permitting process, prohibitory rules, toxics emission reporting and health risk analysis implemented through the Toxic Hot Spots program, and incentive programs. The District's website, www.valleyair.org/grants, has further information about incentive programs available to businesses, residents, and public agencies to help with the purchase of clean-technology vehicles, natural gas fireplace inserts, electric lawn and garden equipment, and more. Brian also discussed the District's Indirect Source Rule, which reduces pollution from new developments; the District's Voluntary Emissions Reduction Agreement program, which requires that developers mitigate new pollution; the District's E-trip Rule, which requires businesses to implement measures to reduce employee vehicle trips through measures such as carpooling, incentives for clean-engine cars, and others; and the District's CEQA review and commenting procedures.

Brian Moore provided an overview of CARB's regulated sources, which includes cargo handling equipment and drayage trucks that work on rail yards, mobile on-road sources, mobile off-road sources, and other toxics. Brian's presentation included slides that showed the reduction in diesel emissions from heavy duty trucks, and improvements in PM2.5 in Fresno County. Brian discussed the California Sustainable Freight Action Plan for emission reductions from freight and mobile sources, and California's 2017 Climate Change Scoping Plan from greenhouse gas sources, as well as the CARB's Community Air Protection Program Blueprint. Finally, Brian's presentation included slides about proposed on-road and off-road measures, as well as stationary source control measures for chrome plating, composite wood products, and commercial cooking.

6. Community Air Monitoring Plan Development

Report from Community Air Monitoring Subcommittee Meeting Subcommittee Members

Jon Klassen from the Air District provided an introduction to this item. Genevieve Gale and Larry Taylor provided the report from Subcommittee Members. Larry provided an overview of the available monitoring equipment, and Genevieve discussed the information provided to the Subcommittee through maps (these resources are available online for review), and discussed the mapping exercises from the Subcommittee meeting on May 1, 2018. She then reviewed the voting results from the Subcommittee meeting, and the consensus reached by the Subcommittee through the mapping exercise and discussions. At the end of the presentation, the full committee was given index cards and asked for their feedback on the monitoring system. These index cards were collected to be summarized by the end of the meeting.

Comments from the committee included the following:

- One suggestion from the committee was to have additional information provided for each of the subregions, including discussing specific sites where the equipment will be located.
- A committee member asked if low-cost sensors could be deployed to capture trends. Jon Klassen responded that it was an option that could be considered, as necessary.
- A motion was made to delay the vote on the monitoring plan, pending additional information regarding toxics, and to develop different options to present to the full committee. This motion was voted on by the committee, with 19 in favor, 1 opposed.

7. Wrap-up and Next Steps

Jessica Luternauer, Facilitator

- Meeting takeaways and next steps
- Need for Additional Meeting for CERP Development
 - Date Preference: May 22: 8 votes May 30: 11 votes
- Next Regular Steering Committee meeting: June 12, 2019
- Subcommittee meeting to be scheduled
- Information about Boys and Girls Club to be distributed

Jessica Luternauer discussed that the cards will be reviewed. Jaime Holt mentioned that someone on Facebook Live had asked a question about burning trash and reminded the committee that trash burning is illegal, and provided a contact number to call if someone is seen burning trash. For Fresno

County residents, the toll free number is: (800) 870-1037. Finally, Jaime gave an announcement that there is an event on May 28th at Malaga Elementary for nine new electric school buses that will be operated by Fowler Unified School District, if anyone would like to attend. She mentioned that the District will contact the Committee with the final date and additional details on the meeting, as well as additional information on the subcommittee meeting dates.

8. Public Comment

No public comments were given.

9. Adjourn

Refer to meeting audio and video to review the full details and comments from the meeting.