

SRP Update on AB617 Consultation Group

10/9/2020

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Statutory Role for the SRP in the Implementation of AB 617

- Consultation role for the SRP regarding:
 - Toxic air contaminant and criteria air pollutant monitoring.
 - Integrating with existing community air monitoring systems.
 - Efficacy of additional community air monitoring systems.
 - Plans to:
 - Reduce toxic air contaminants and criteria air pollutants emissions.
 - Reduce exposures in communities affected by a high cumulative exposure burden.

CARB and OEHHA Proposed Specific Scientific Topics for the SRP

- Identification of emerging contaminants of concern including:
 - Priority substances for OEHHA to develop or update health risk values.
 - Contaminants identified in communities through air monitoring or emissions inventories.
- CARB is updating the chemical substance lists in Appendix A of the AB2588 Air Toxics Hot Spot Emissions document.
 - SRP review and consultation is ongoing
 - Work in progress

CARB and OEHHA Proposed Specific Scientific Topics for the SRP

- Reviewing plans for assessing potential health risks from combined exposure to multiple contaminants.
 - At levels near or below current standards (i.e. Reference Exposure Levels or Ambient Air Quality Standards).
 - Potential risks to sensitive populations.
 - Specific aspects related to AB617 Communities.
- Guidance and review of plans for identifying potential health benefits from reductions in localized air pollution.

Areas of Concern to AB617 Communities

- Integrating and analyzing data requires more training and expertise if community partners are going to be able to communicate findings effectively with community participants.
- Concern in some communities about pesticide use and potential exposures.
 - Incomplete data and jurisdictional conflicts
 - Monitoring at the community level not practical
- Toxics
 - Not part of general AQ monitoring programs
 - There are sources (e.g. storage areas) that are not well included in emission inventories
 - SRP could help provide context for TACS and pesticides with respect to potential community risks as these compounds are identified.

Some Continuing Activities

- Source apportionment and street level monitoring in West Oakland
 - Drew upon years of data
 - Updated and integrated by BAAQMD
 - Provided to community
 - Can provide improved exposure estimates
- Community Air Monitoring
 - SCAQMD evaluating air monitoring technology
 - Program in place for comparing, calibrating and standardizing monitoring and reporting systems
- Increasing community appreciation of AIRNOW and Purpleair Networks real-time AQI and PM mass and particle number concentrations

Issues Identified at Previous AB617 Consultation group Meeting and Progress Made

- Stipends for Key Community Participants
 - CARB will provide a [Draft Stipend Guidance](#).
 - Needs to consider stipend agreements reached between committees and air districts.
- The ‘Blueprint’ needs to be updated
 - Subcommittee being formed with members with balanced representation of the consultation group.
 - First Subcommittee meetings scheduled for 9/28/2020
 - MORE TO BE ADDED

Topics Planned for Next Full Consultation Group Meeting

- Addition of Consultation Group members
- Subcommittee meeting(s) report (e.g., progress on proposed changes to Blueprint)
- Briefing on Impact of COVID-19 on air quality
- Discussion of linkage between community air quality measurement activities and the state analytical laboratories data.

Moving Forward

- 1. The Blueprint needs to reflect a partnership between the ARB, the districts, and the communities to achieve Environmental Justice
 - Build mechanisms ensure that the process and products reflect CONSIDERATION of communities' needs.
- 2. The Blueprint needs to provide mechanisms for creating shared understanding and information resources based on knowledge that spans the expertise of the ARB, the districts, and the communities
 - without setting partner above the others.
 - understands air pollution and health and how these should be addressed,
 - ARB and districts should shoulder the burden to understand the way that the communities understand air pollution and health and think it should be addressed.
- 3. The technical elements of the Blueprint should focus on methods that are designed and intended to address community scale impacts.
 - Evaluation of how well existing approaches worked and what they contributed.
 - Alternative approaches that are faster, cheaper, and easier to understand should be considered.
 - Prioritizing processes that can be completed in a shorter rather than longer time period (one year?) to reduce the burden on community members and delay in addressing pollution are needed.
- 4. The Blueprint should be reflect data systems and platforms of the ARB and the districts so that community assessment and planning can be scaled up.
 - Address all impacted communities
 - Hold a reasonable time frame