

AB-617

Steering Committee Meeting

Perkins Elementary School
December 17, 2018

Community Monitoring

- It is the District's opinion we should initially focus on three areas:
 - Find greatest air quality impacts are located to maximize emissions reductions
 - Determine stationary, mobile, and area sources' contributions
 - Track emission reduction progress

Fenceline Monitoring

- We have no current data indicating there should be fenceline monitoring.
- Fenceline monitoring won't tell us how the community residents are being impacted.
- Using AB-617 funds to do fenceline testing will reduce monitoring in the community.
- The District can require fenceline monitoring without affecting community monitoring.
 - Would require justification by District
 - Sources would fund these activities

District Actively Seeking Emission Reductions

- We inspect all sources annually and have a strong enforcement program.
 - We inspect the 32nd Street *Naval Base* twice a year.
 - We inspect *NASSCO, BAE Systems, CP Kelco, Chevron Gasoline Terminal, and Andeavor Gasoline Terminal* four times a year.
 - We inspect all other sources annually.
- Although not required by EPA or State, we conduct weekly mobile source inspections in the community.
- In the next few months we will award approximately 4.2 million dollars in competitive grants for mobile emission reduction projects.

Suggested Community Monitoring

- First, conduct mobile monitoring initially to identify hot spots and help with site locations.
- Stationary monitoring locations upwind and downwind of congested traffic areas
- Utilize cameras to identify types of vehicles
- Measure meteorological conditions at two locations (minimum)

Suggested Air Monitoring Equipment

- **Monitoring Equipment for Diesel:**
 - Filter-based is most accurate but won't give us hourly values
 - Continuous monitoring gives hourly values but not as accurate
 - We suggest operating both continuous and filter monitoring at Sherman Heights Elementary School
 - Can develop a factor this way to use for other locations
 - We suggest continuous monitoring at all other locations
- **Toxic Volatile Organic Compounds**
 - Collect sample in canister and send to lab
- **Toxic Metals**
 - Filter-based is the only viable method

Options for Diesel Monitoring Equipment



Metals and VOC Monitoring Equipment

VOC Canister



Filter for Metals





QUESTIONS