

AB 617 Community Air Protection Program
Steering Committee Meeting Draft Agenda

Perkins Elementary School
(1770 Main Street, San Diego 92113)

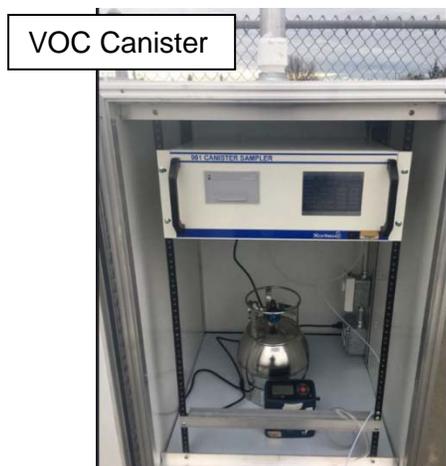
12/17/18
6:00 pm-8:00 pm

- Opening Remarks
 - District AB-617 activities since 11/27/18 meeting
 - Conducted 15 stationary source inspections
 - Conducted 15 truck inspections
 - There were 0 complaints received by the District
 - We had 2 bi-weekly calls with CARB
 - We had 1 call with CARB and other air districts about funding
- Public Comments
 - No one from the public spoke during this time.
- Approval of 11/27/18 Steering Committee Meeting Notes
 - Steering committee approved meeting notes from 11/27/18 meeting.
- Presentation on District AB 617 Website
 - San Diego APCD website: www.sdapcd.org
 - Community Air Protection Program webpage: <https://www.sandiegocounty.gov/content/sdc/apcd/en/community-air-protection-program--ab-617-.html>
 - Steering Committee Documents webpage: <https://www.sandiegocounty.gov/content/sdc/apcd/en/community-air-protection-program--ab-617-/ab-617-steering-committee-documents.html>
 - Question – Can we have a dedicated location on the website for all the steering committee documents to be in Spanish?
 - Answer – Yes, we will work on creating one location for all Spanish documents.
 - Question – Can you try to make the webpage more mobile friendly?
 - Answer – Yes, we will continue to try and improve our website experience for mobile users.
 - Question – Can the steering committee documents also be organized by topic instead of just date?
 - Answer – Yes, we will work on organizing the content to make it easier to find the information.
- District Presentations
 - Community Monitoring
 - It is the District's opinion we should initially focus on three areas:
 - Find where greatest air quality impacts are located to maximize emissions reductions
 - Determine stationary, mobile, and area source 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 funding for mobile emission reduction projects.
- Suggested Community Monitoring
 - First, conduct mobile monitoring initially to identify hot spots and help with determining 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



o Metals and VOC Monitoring Equipment



Question – Why are the toxics (Benzene, Toluene, Ethylbenzene, o-Xylene, m/p-Xylene and Acrolein) shown in the graphs on the handout?

Answer – These are the toxics which are the primary pollutants in the combustion process (greatest risk to health in Portside Neighborhoods).

Question – Can we include how these toxics impact health?

Answer – Yes, we will look into how we can best demonstrate the levels of toxic emissions and how they impact health factors.

Question – Can we hear more information about the incentive projects which were applied for in the Portside Neighborhoods?

Answer – Yes, there were 12 applications requesting \$5.8 million. However, not all projects will be eligible or will be funded at the requested amount. The applications include a marine bonnet system, off-road clean diesel equipment, commercial harbor craft diesel repower and an electric forklift. We are evaluating those projects right now.

Question – Can we provide some immediate emissions reductions in the form of plants in classrooms?

Answer – Yes, vegetative barriers will be eligible for incentive funding in the next round of funding available next year.

Question – Can you provide emissions data in a database form?

Answer – Yes, we can provide this and some data is already available on our website page here: <https://www.sandiegocounty.gov/content/sdc/apcd/en/CurrentAirQuality.html>

Question - How can we compare emissions from stationary versus mobile sources?

Answer – The existing data we have from the regional air monitors does not differentiate mobile from stationary. This is why we need to do source attribution in the Community to get

this data. Source attribution was discussed during the 11/27/18 Steering Committee Meeting.

Question – Will we be able to tell the destination of mobile equipment in the Portside Neighborhoods?

Answer – Source attribution will tell us what percent of the pollution emanates from mobile sources but won't tell us where the destination of mobile equipment?

Question – Can you elaborate on how the mobile monitoring will work?

Answer – Yes, a third-party contractor would complete 20 passes down each street in the Portside Neighborhoods during a 3-month period. They will have the types of equipment needed on board to measure the pollutants we determine.

Question – Are we talking about Aclima being the third-party contractor?

Answer – There are other potential vendors that may be able to provide us with mobile monitoring data.

Question – Why did you pick Sherman Elementary as the first site to measure diesel emissions with filter type and continuous monitoring equipment?

Answer - Sherman Elementary is the site of our regional monitor and is the easiest site to add equipment to be up and running the fastest.

Question – Will other sites also have both the filter type and continuous monitors?

Answer – Yes, they will.

Question – How large of an area is needed to place the equipment at a monitoring location?

Answer – It requires 10 ft. by 15 ft. and needs power.

Question – Can we put out cameras to record truck activity?

Answer – We could place it with our other equipment at a secure monitoring location.

Question – Can you talk more about your mobile source inspections?

Answer- Yes, our mobile source program conducts inspections at the border crossing, truck weigh stations, entering the port and also at construction sites for off-road equipment. We also enforce the CARB idling rule.

Question – In what communities in San Diego do you conduct these mobile inspections?

Answer – In the Portside Neighborhoods and throughout the rest of San Diego County.

Question – Are the inspections you conduct announced?

Answer – No, our inspections are un-announced unless we are inspecting equipment with no site personnel (cell phone tower with back-up engine).

Question- What is the timeline to get the mobile monitoring complete?

Answer- The monitoring will take 1 quarter of the year (3 months) and we will try and complete it before 7/1/19.

Question – What type of noise does the monitoring equipment make and will it disturb near-by homes?

Answer – The noise level is less than the running refrigerator (in the cafeteria at Perkins Elementary during steering committee meeting). In the years we have had our regional monitors we have only received one complaint about the noise. If we get complaints, we will work with the complainants to rectify the situation.

Question – Do we know the truck routes in the Portside Neighborhoods?

Answer – The Environmental Health Coalition (EHC) may have this information on their website.

Question- Having people raise their hands, can we see if the Steering Committee would like to conduct mobile monitoring?

Answer – 14 members of the steering committee raised their hands, approving of mobile monitoring.

Question – Will this data be valid since their methods are not approved by EPA or CARB?

Answer – This data will be used to find “hot spots” of emissions in the Portside Neighborhoods. It will be just the first set of data we get in the broader monitoring effort.

Question – Why are we proposing monitoring locations prior to seeing the mobile monitoring data?

Answer – We want to get an idea from steering committee where they would like monitors located so we can see if the locations are viable. We have many possible locations already, but we also want to know what the Steering Committee thinks might be some other good locations. Many of the locations will not work out for one reason or another so we need to have many more possible locations to start.

Question – When do you think we will have the mobile monitoring data?

Answer – We should have it around June 2019.

Question- Why can't we decide to just use Aclima for the mobile monitoring?

Answer – We must conform with County policies that may require us to get bids for other vendors. If it turns out the other vendors can not do the same level of monitoring that Aclima can do than we may be able to designate Aclima as a “Sole Source” and avoid the competitive bidding.

Question – Do we think that since the mobile monitoring will be done in the winter months, we should also do it in other seasons?

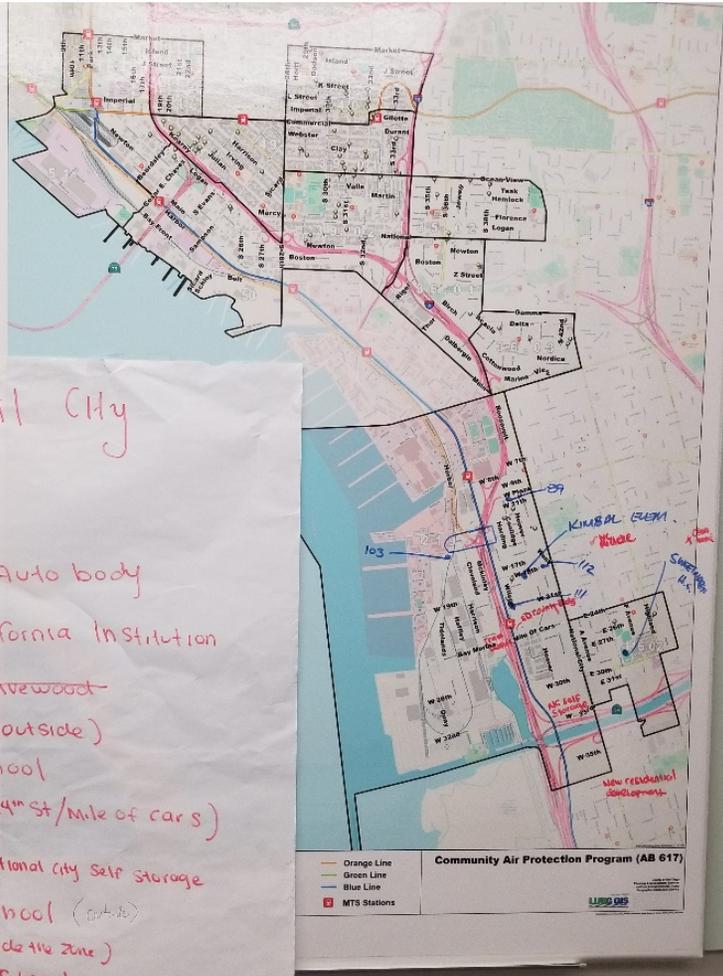
Answer – We believe the businesses and traffic in the Portside Neighborhoods is not seasonal and therefore the results would not be very different. We also have to consider the costs will quadruple if sampled for a year.

Question – How many monitoring stations do you anticipate we will have in the Portside Neighborhoods?

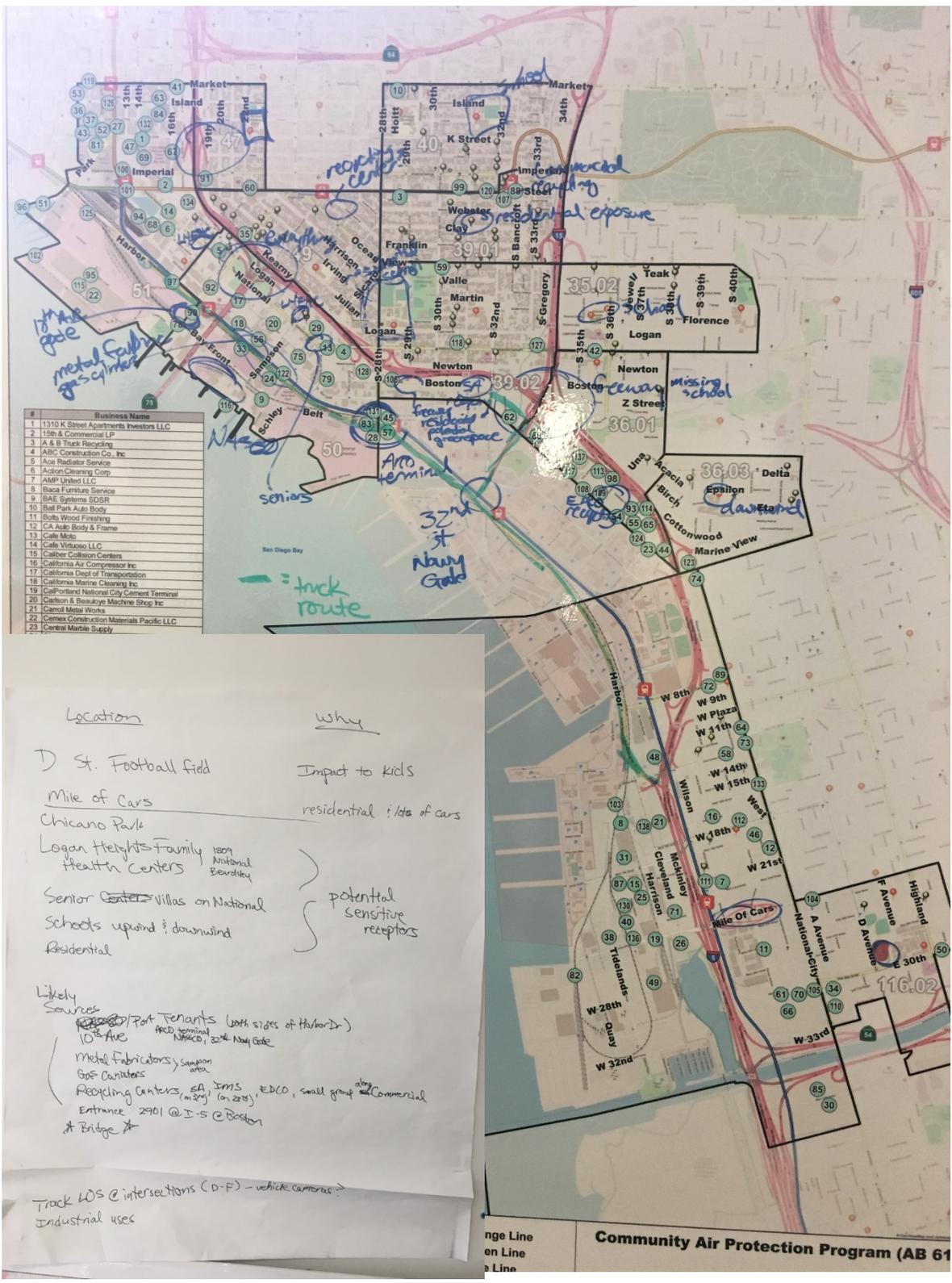
Answer – We will have about 10 considering all the costs.

- Steering Committee Members Interactive Session
 - Members provide recommendations for air monitoring locations
 - Members provide recommendations for what air pollutants to monitor for
 - Members provide recommendations on how to measure for air pollutants, including instruments, third party contractors

National City
 89: Ramada INN
 103: Port
 112: Southland Auto body
 111: Southern California Institution
 Kimball School & Olivewood
 Olivewood Gardens (outside)
 Sweetwater High School
 County SD building (24th St/mile of cars)
 Storage facility → National city self storage
 National city Middle School (outside)
 Central Elementary (outside the zone)
 Train Depot on 24th Street
 CIVIC CTR - Access to I-5



DRAFT



• Closing Remarks

Next scheduled meeting is 1/29/19 at Perkins Elementary School Cafeteria (1770 Main Street, San Diego, 92113 from 6:00 pm - 8:00 pm)