



**South Coast
AQMD**

Assembly Bill (AB) 617 Community Air Initiatives

San Bernardino, Muscoy Community Workshop and Community Steering Committee Meeting #8

Thursday, July 18, 2019

Workshop 5:30 p.m. – 6:00 p.m.

CSC Meeting 6:00 p.m. – 8:30 p.m.

San Bernardino Valley College, 701 S. Mt. Vernon Ave., San Bernardino, CA 92410

Time	Item	Presenter	Why is this important?
5:30 pm	<ul style="list-style-type: none"> Doors Open – Community Workshop – 30 min 	<p>Committee Members</p> <p>Members of the Public</p>	<p>To provide information on:</p> <ul style="list-style-type: none"> Community Emissions Reduction Plan (CERP) Community Air Monitoring Incentives
6:00 pm	<ul style="list-style-type: none"> Welcoming Remarks Community Testimonials Meeting #7 Recap & Current Progress: What we've done so far – 10 min 	<p>Co-host</p> <p>Committee Members</p>	<p>To understand where we are in developing the community plans.</p>
6:10 pm	<ul style="list-style-type: none"> Technical Advisory Group (TAG) update – 5 min 	<p>Tammy Yamasaki</p> <p><i>(Senior Advisor, Air & Climate Policy, Southern California Edison)</i></p>	<p>To provide a brief overview of the TAG meeting.</p>
6:15 pm	<ul style="list-style-type: none"> San Bernardino County Transportation Authority (SBCTA) – 10 min Committee Discussion – 10 min 	<p>Otis Greer</p> <p><i>(Director of Legislative and Public Affairs, SBCTA)</i></p> <p>Committee Members</p>	<p>To understand current efforts in the community by CSC members to address air quality concerns</p>
6:35 pm	<ul style="list-style-type: none"> California Air Resources Board (CARB) Enforcement Actions – 10 min Committee Discussion – 20 min 	<p>CARB Staff</p> <p>Committee Members</p>	<p>To understand current enforcement actions that will be taken by CARB to address the air quality concerns in this community.</p>
7:05 pm	<ul style="list-style-type: none"> Review the Discussion Draft Community Emissions Reduction Plan (CERP) Comments Received* – 10 min Committee Discussion – 25 min 	<p>Diana Thai</p> <p><i>(Program Supervisor, South Coast AQMD)</i></p> <p>Committee Members</p>	<p>To discuss community feedback and comments received on the Discussion Draft CERP.</p>
7:40 pm	<ul style="list-style-type: none"> Community Air Monitoring Update* – 10 min Committee Discussion – 10 min Truck Technologies – 10 min Committee Discussion – 10 min 	<p>Payam Pakbin</p> <p><i>(Program Supervisor, Monitoring, South Coast AQMD)</i></p> <p>Joseph Impullitti</p> <p><i>(Technology Demonstration Manager, South Coast AQMD)</i></p> <p>Committee Members</p>	<p>To provide an update on the current monitoring efforts being deployed as described in the CAMP. What is CAMP? You should spell it out once before you abbreviate no matter what.</p> <p>To provide information on current truck technologies.</p>
8:20 pm	<ul style="list-style-type: none"> Public Comment – 10 min 	<p>Members of the Public</p>	
8:30 pm	Adjourn		

* Staff is also available for questions after the meeting.

San Bernardino, Muscoy Community Steering Committee Meeting #8 (6/18/2019)



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Affiliation	Representative (Primary ¹ ; Alternate ²)	Participant in the Committee Meeting Discussion
Category: Community Organization		
Chicano Indigenous Community for Culturally Conscious Advocacy and Action	Jason Martinez ¹ ; Paula Alvarez Venegas ²	Jason Martinez
Muscoy Action Committee	Jane Hunt-Ruble	Jane Hunt-Ruble
Center for Community Action and Environmental Justice (CCA EJ)	Ericka Flores ¹ ; Andrea Vidaurre ²	Ericka Flores
Sierra Club, My Generation	Angelica Balderas	
Safe Routes to School	Demi Espinoza	
CLCV ED Fund	Matt Abularach-Macias	Matt Abularach-Macias
Category: Active residents (not representing a Community Organization or a Business)		
Active Resident - San Bernardino	Valerie Dobesh	Valerie Dobesh
Active Resident - San Bernardino	Mathew Taylor	
Active Resident - San Bernardino	Ruben Garza	
Active Resident - San Bernardino	Maria G. Corona	Maria Corona
Active Resident - San Bernardino	Graciela Regalado	
Active Resident - San Bernardino	Olga Medina	
Active Resident - San Bernardino	Lorena Rodarte	Lorena Rodarte
Active Resident - San Bernardino	James Albert	
Active Resident - San Bernardino	Ada Trujillo	Ada Trujillo
Active Resident – Muscoy	Miguel A. Rivera	Miguel A. Rivera
Active Resident – Muscoy	Christopher Alonso	
Active Resident – Muscoy	Abram Gastelum	
Category: Agency, School, University, Hospital		
San Bernardino County Land Use Planning Manager	Karen Watkins ¹ ; Suzanne Peterson ²	Suzanne Peterson
San Bernardino County Department of Public Health	Bernadette Beltran ¹ ; Corwin Porter ²	Bernadette Beltran
California State University, San Bernardino (CSUSB)	Andreas Beyersdorf ¹ ; Rudy Morales Gamez ²	Rudy Morales Gamez
City of San Bernardino	Chantal Power ¹ ; Elizabeth Mora-Rodriguez ²	Chantal Power
Omnitrans	Anna Jaiswal ¹ ; Jeremiah Bryant ²	Anna Jaiswal
Loma Linda University School of Public Health	Dr. Rhonda Spencer-Hwang ¹ ; Dr. Ryan Sinclair ²	
San Bernardino County Transit Authority	Otis Greer ¹ ; Nicole Soto ²	Otis Greer
San Bernardino Valley College	Mary Valdemar	Mary Valdemar
Category: Elected Officials		

Assembly member Eloise Reyes Office	Maha Rizvi	Maha Rizvi
Supervisor Josie Gonzales	Erika Willhite ¹ , Lisha B. Smith ²	
Category: Business Representative, Business Organization or Labor Organization		
Railroads – BNSF	LaDonna DiCamillo ¹ , Marisa Blackshire ²	
Warehouse/Logistics - Pacific Mountain Logistics - San Bernardino	B.J. Patterson	
Utility - Southern California Edison	Christopher Abel ¹ ; Tammy Yamasaki ²	Tammy Yamasaki
Wyatt's Paint & Body, Inc.	Kris Wyatt ¹ ; Randy Wyatt ²	
Tacos Don Ramon	Angel Rodriguez	

Meeting Summary: During CSC Meeting #8, California Air Resources Board (CARB) staff presented their current enforcement actions to address the air quality concerns in the San Bernardino, Muscoy (SBM) community. Otis Greer (Director of Legislative and Public Affairs, SBCTA) presented on San Bernardino Transportation Authority's current efforts in the community to address air quality concerns. Diana Thai (Program Supervisor, South Coast AQMD) provided an update on the revisions being made to the Draft CERP based on committee feedback and comments received. Payam Pakbin (Advanced Monitoring Technologies Program Supervisor, South Coast AQMD) provided an update on the current monitoring efforts being deployed in the community. Joseph Impullitti (Technology Demonstration Manager, South Coast AQMD) presented information on current truck technologies.

Welcoming Remarks, Community Testimonials, and Meeting #7 Recap & Current Progress: What We've Done So Far:

- Miguel Rivera (Co-host) went over housekeeping items, and asked for community testimonials. No community testimonials were volunteered. He introduced Daniel Wong, who provided an overview on the the community tour and asked for attendees. He passed out a sign in sheet.
- Miguel Rivera gave a recap of the SBM CERP progress and shared when the final version of the CERP would be released.
- Miguel Rivera reviewed the objectives of the meeting.

Source Attribution: Technical Advisory Group Meeting (TAG) Update:

- Tammy Yamasaki (Senior Advisor, Air and Climate Policy, Southern California Edison) provided an update about the Technical Advisory Group (TAG) meeting that occurred earlier that morning at South Coast AQMD's headquarters. She explained that the main purpose of the meeting was to discuss where emissions come from (source attribution) in all three AB 617 communities. She shared a slide that showed the main sources air pollution in San Bernardino, Muscoy and she mentioned that the discussion mostly revolved around ways to reduce emissions from on- and off-road sources. She concluded the presentation by stating source attribution data showed that diesel particulate is the main source of toxic air contaminant in the community.

California Air Resources Board (CARB) Enforcement Actions:

- Crystal Reul-Chen (CARB) talked about CARB's current enforcement actions in the San Bernardino, Muscoy community. She went over the past, present, and future efforts. She listed some future programs, such as the Drayage Truck Rule and Heavy Duty Inspection Vehicle Program among others. She also mentioned some enforcement actions that they are currently implementing, which include a field inspection program, idling sweeps, and fleet audits. She said they are looking for strategies to improve their current programs to address the highest mobile source priorities in the community, such as truck and bus traffic and idling, the railyard, warehouses and the Omnitrans bus yard. Crystal explained that it is hard to reduce truck idling. As an example, she

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explained that many idling trucks are in compliance because they meet newer, cleaner truck standards so it is difficult to identify which trucks are not supposed to be truck idling. Another example she shared is that often truck drivers turn off their engine when they see one person receiving a violation. She suggested one solution is to put up “no idling” signs, but asked for community input. She also added more fleet audits may be a solution. She said they are looking for locations to send their enforcement teams. In addition, she discussed the supplemental environmental projects (SEPs), shared some examples, and went over the project proposal submission process. Lastly, she mentioned that CARB is currently working on coordinating truck idling sweeps, creating outreach materials, spreading awareness to the community, and targeted enforcement of their regulations.

○ Q and A on CARB:

- Matt Abularach-Macias (CLCV ED Fund) asked about sweeps and whether there was a more centralized way to annually check trucks for violations. He added that their current program is not efficient.
 - Crystal Reul-Chen (CARB) said road side inspections are good because they sometimes require vehicle maintenance. However, they are looking for a way to enforce more efficiently and working towards requiring an annual smog check.
 - CARB staff stated that they are pursuing a smog check program, in addition to other new programs. They explain that while trucks will continue to be required to comply with CARB regulations, soon the DMV will also have to approve them to operate. They also mentioned that there is an IRP (international registration) that requires annual smog checks for vehicles driving through the state.
- Maha Rizvi (Assembly Member Eloise Reyes) said she saw that there were school air filters. She wants to know if those air filters were installed in San Bernardino County and whether any projects have been completed in this community.
 - Naveen Berry (Assistant Deputy Executive Officer, Science and Technology Advancement) explained that we used SEP funds for school filtration projects. He added that there were some projects completed in the San Bernardino Unified School District over the past five years, but we are planning on doing more.
- Jane Hunt-Ruble (Muscoy Action Committee) said there should be County or City enforcement actions. She emphasized that she would like more coordination between the County and South Coast AQMD.
 - Crystal Reul-Chen (CARB) said they thought of this and are having talks with the City and the County to see if they are interested in helping them enforce their regulations.
- Mary Valdemar (San Bernardino Valley College) inquired about inspections. She said they were inconsistent, and wants to know why there were fewer inspections in 2017 than in 2016.
 - CARB staff explained that they were not sure why the numbers vary, but they will discuss the comment with their management. CARB staff also said that there might have been a higher compliance rate during that year, therefore, fewer inspections occurred.
- Mary Valdemar also asked why only 90 vehicles were cited out of 1900. She wants to know if there is data to compare that percentage to previous years to determine trends.
 - Crystal Reul-Chen (CARB) mentioned they have a program for compiling the data from previous years and specified that it is possible to look at previous data (before 2015), but it is more difficult to access.

- Mary Valdemar asked about the SEPs. She wants to know if programs with the San Bernardino City Unified School District can include other alternative schools besides public schools, such as charter schools or colleges.
 - Crystal Reul-Chen (CARB) expressed that it is possible, but they need proposals.
 - Naveen Berry added that in the past the programs have been targeted to public schools, but they can follow up with what the community wants.

Committee Presenters - Committee Members

- Otis Greer (Director of Legislative and Public Affairs, SBCTA) provided a presentation about his agency and the programs they have been working on. He stated that there are 2.2 million residences in San Bernardino County, with 24 cities and towns, and five supervisorial districts. He mentioned one of the biggest projects they are working on is the replacement of the Mt. Vernon Viaduct Bridge, which he explained should be completed around 2023. In addition, they are working with the San Bernardino County Superintendent's office. He also talked about their express lane projects, which will extend to other counties, their previous project widening Interstate 215, as well as other projects including a new electric rail service connecting San Bernardino and Redlands. Josh Lee (Chief of Planning, SBCTA) continued the presentation by discussing some of the planning and sustainability programs. He emphasized that SBCTA takes sustainability and equity very seriously. He provided information about some of the transportation projects they have implemented and highlighted the regional climate adaptation plan, which delves into the preparation for climate impacts such as wildfires.
- Q and A on Committee Presentation
 - Ericka Flores (CCA EJ) asked about the Mt. Vernon Viaduct Bridge. She explained that even though the bridge is currently not accessible to heavy duty trucks, trucks still use it often. She asked whether trucks would have access to the new bridge after the expansion.
 - Otis Greer confirmed that trucks would be allowed to go on the new bridge, but that the main purpose of the project is to reconstruct a bridge for the community. It was requested by the City and SBCTA is following the city's petition.
 - Ericka Flores inquired about the height of the new bridge. She mentioned that she heard that if the bridge is not high enough to clear BNSF's equipment it will not be possible for them to fully electrify.
 - Otis Greer said the higher the bridge the more people will be displaced due to the slope that is required.
 - Ericka Flores asked who is responsible for informing the community on the expansion of the bridge.
 - Otis Greer clarified that they are not expanding the bridge, but that they are replacing the bridge with a better one that is larger and wider. He also said that SBCTA will hold public meetings where they inform the local community about the bridge replacement and stated that SBCTA has sent out letters to inform the community about these meetings.
 - Mary Valdemar commented on the presenter's usage of the word "resilient". She mentioned that by labeling the community as "resilient" it implies that the solution for helping the community is not good enough. She expressed that she does not want future generations to be subject to bad decision making and requested that all of the communities concerns need to be addressed.

- Josh Lee (Chief of Planning, SBCTA) explained that the term resiliency has been used in the planning field when referring to climate change. He said anyone can contact him to further discuss what they have been working on.
- Jane Hunt-Ruble (Muscoy resident) expressed that it is frustrating to hear the presenter talk about sustainability and resiliency. She said that there have been attempts to build sidewalks in Muscoy for this reason, but the community does not want them. She added that it would cause a lot of problems in her community.
- Ada Trujillo (San Bernardino resident) inquired about the purpose of renewing the bridge. She also asked if it will be used only for small vehicles.
 - Otis Greer explained that the bridge is currently deteriorating and it is a very important artery for the community. He added that a new bridge will reduce commute time, but SBCTA will not be able to dictate who uses it. The decision is up to the City.

Community Emissions Reduction Plan (CERP) Comments Received:

- Diana Thai (Program Supervisor, South Coast AQMD) went over the comments received from the Discussion Draft CERP and announced that the next draft will be provided on July 19, 2019. She summarized some of the general comments that staff received with their responses and she expressed that some of the comments were still being addressed. She also talked about the comments received about health metrics on and how they are trying to collaborate with regional hospitals on asthma intervention programs. She explained how funds will be allocated and reiterated that South Coast AQMD is prioritizing zero-emission technology. She added that South Coast AQMD is looking for opportunities to improve funding programs to accelerate the deployment of cleaner trucks in the community and mentioned that South Coast AQMD is continuing to develop the Indirect Source Rule (ISR) for railyards and warehouses. She also encouraged the CSC to participate in the rule development process.
- Mary Valdemar expressed that she appreciates South Coast AQMD staff for addressing all of the comments. She said that staff were great at accommodating meetings for working people and she requests this to be the model for every new meeting held by South Coast AQMD and CARB.

Community Air Monitoring Update:

- Payam Pakbin (Program Supervisor, Monitoring, South Coast AQMD) provided an update on the current state of AB 617 Community Air Monitoring Plan implementation. He explained his team has been conducting fixed and mobile monitoring in the community to gather general information about air quality conditions in the community, assess the air quality impacts of the air quality concerns and priorities identified by the CSC, and to help track progress. He added that South Coast AQMD staff is looking at facilities that handle cement to see if they are emitting harmful particulate matter. He explained that staff is also surveying air quality priorities selected by the CSC and nearby communities to identify locations for potential fixed air monitoring. He showed examples of South Coast AQMD mobile platforms and talked about flight-based air toxic measurements. He shared the AB 617 community air monitoring website and showed how to navigate the AB 617 data display tool.
- Jane Hunt-Ruble mentioned that fireworks cause air pollution in Muscoy and expressed that it is a major issue that never seems to be addressed.

Truck Technologies:

- Joseph Impullitti (Technology Demonstration Manager, South Coast AQMD) talked about the Technology Advancement Office, the demonstration process, and the implementation of clean

truck technology. He listed some programs, including the Clean Fuels Program and explained the commercialization of technologies and the development process. He mentioned that engine manufacturers are currently working on converting engines to a low NOx standard. He emphasized that near-zero emission technology is currently available and achieves a 90 percent reduction in NOx. He highlighted fuel cell electric technology and provided a zero-emission cargo transport fuel cell drayage truck project as an example. He also talked about battery electric and hybrid technology and how it is a little more advanced than fuel cell technology. He emphasized the agency's key efforts in developing zero-emissions technology, and that these projects are still in demonstration phase.

○ Q and A on Truck Technologies:

- Matt Abularach asked about the lifespan of a near zero-emission truck versus a zero-emission truck.
 - Joseph Impullitti explained that near-zero emission and zero-emission trucks are more expensive, but they will meet the same life standards as diesel trucks. He added that zero-emission technologies has a slow grow out, but they may be commercially available in the year 2021 or 2022.
- Mary Valdemar inquired why the CNG gas and low NOx technologies are being pursued instead of directly investing in zero emission technology. She expressed that she is concerned that third parties, such as the gas company, are being involved in the decision making.
 - Joseph Impullitti explained that CNG technologies provide immediate emission reductions since zero-emission technologies are not commercially available to date. He added that it will take years before they see a significant deployment of zero-emission since many fleets will have to adopt the technology.
- Ericka Flores inquired if a near-zero emission truck pollutes more than a zero-emission drayage truck and asked about South Coast AQMD's desire to invest in zero-emission technologies.
 - Joseph Impullitti clarified that a near-zero emission truck pollutes more than a zero emission drayage truck.
 - Naveen Berry added that near-zero emission trucks are 90 percent cleaner than nationwide engine standards. He said their incentive programs tie in renewable fuels which lead to significant emission reductions.
- Ericka Flores challenged South Coast AQMD's desire to invest in zero-emission technology.
 - Joseph Impullitti reemphasized that zero-emission heavy duty trucks are not commercially available yet and they will take some time to be available to the consumer. South Coast AQMD's priority is to achieve emission reductions as soon as possible, and that is why staff is pursuing near-zero emission technologies.
 - Naveen Berry added that South Coast AQMD has invested a substantial amount of funds in zero-emission truck technology to accelerate its development and deployment.
- Matt Abularach acknowledged that it was a great presentation and declared that there are good solutions available. He inquired how to invest and advocate for the acceleration of zero-emission technology.
 - Joseph Impullitti explained that all the major original equipment manufacturers (OEMs) are already investing in zero emission electric technologies. He added that diesel engine manufacturers are using electric trucks at the Ports, which is a sign that industry is coming around, but it will take some time.

- Matt Abularach wanted to know if there are any partnerships with operators for when technology is available.
 - Joseph Impullitti expressed that each project has a team and fleets that have exposure to these technologies.
 - Naveen Berry said demonstration projects will be deployed in San Bernardino County.
 - Joseph Impullitti added that new technology is manufactured in Virginia, North Carolina and Oregon.
 - Naveen Berry disclosed that the Volvo project has a worker training component in San Bernardino, including this community college.
- Mary Valdemar said that the truck technologies presentation was important and informative. She added that this should have been presented in all the communities so everyone can know about the technologies available, and upcoming technologies.
- A member of the public asked if there are any incentives for the government to adopt technology more quickly.
 - Joseph Impullitti mentioned some of South Coast AQMD's programs, including the Carl Moyer program help by providing incentives for technology adoption.
 - Naveen Berry said Southern California Edison also has funding to help fleets implement zero-emission infrastructure.
 - Tammy Yamasaki (Senior Advisor, Air & Climate Policy, Southern California Edison) added that Southern California Edison (SCE) has a strong policy towards pushing towards zero-emission. She wants to encourage the community to get the message out that funding is available.

Announcements, Housekeeping, Future Meeting Dates:

- Ericka Flores announced that she is stepping down from being a CSC member. She specified that Andrea Vidaurre will become the new primary CSC member for CCAEJ.
- Miguel A. Rivera (Co-host) made a few announcements:
 - The next CSC Meeting #9 is August 15th from 6:00 p.m.-8:00 p.m. at San Bernardino Valley College.
 - Potential topics for discussion include:
 - Community Air Monitoring update
 - Draft Final CERP
 - Friday, July 26th at 10:30 am is the Stationary Source Committee meeting at South Coast AQMD headquarters.
 - The next Draft CERP will be released July 19th, 2019.
 - The Final Draft of the CERP will be submitted to the Governing Board on September 6, 2019.

Public Comment:

- Otis Greer announced that SBCTA has a project taking place near Cal State San Bernardino and they have a public meeting to discuss the status of the project on July 25th. He said he will share more information with the South Coast AQMD staff for distribution to CSC members.
- Ryan Atencio from CARB said there is \$5 million available in grants for community-based organizations. He added that there is grant information available if needed.