

AB 617 Steering Committee Meeting Agenda

7/21/2020

6:00 pm - 8:00 pm

Virtual Meeting via Zoom

NOTES

Link to all presentations and meeting materials:

<https://www.sandiegocounty.gov/content/sdc/apcd/en/community-air-protection-program--ab-617-/ab-617-steering-committee-documents.html>

Meeting Objectives

- Provide update on Navy Ship Fire and air quality in Portside Communities
- Report back from the four (4) subcommittees
- Discuss key CERP milestones and progress
- Discuss emissions inventory data presented by the California Air Resources Board (CARB)
- Receive update on SDAPCD Ozone SIP

Meeting Action Items

- Approval at 6/23/2020 Meeting Notes and 7/21/2020 Agenda
- Received and collected public comment regarding community impacts from the Navy Ship Fire
- Postponed discussion on Office of Environmental Justice to the August Steering Committee Agenda

Agenda

I. Welcoming Remarks (Daniela Simunovic, Facilitator and Bill Brick, SDAPCD)

- a. Review Meeting Objectives & Agenda
- b. Roll call SC members
- c. Updates
 - i. **Dr. Sherpas** resigned from SC due to COVID-19 duties
(A) **Dr. Stephanie Yoon** will replace as new SC member

II. Approval of 6/23/2020 Meeting Notes and tonight's agenda (Daniela Simunovic, Facilitator)

- a. Motion to Approve the minutes with no changes made by **Ted Godshalk**
 - i. Seconded by **Elisa Arias**
- b. **Motion passed unanimously**

III. Navy Fire (Bill Brick, SDAPCD)

- a. SDAPCD Update
 - i. **Rob Reider (Interim Director, SDAPCD):**
(A) Offered sincere apology for handling of the crisis. Shared that he had met with the County's Department of Environmental Health and Office of Emergency Services to go over lessons learned, which will be used to develop plans and protocols to fill in gaps in emergency response
 - b. **Public Comments related to Navy Fire**
- a. **Steering Committee Members**
 - i. **David Flores (SC Member)** – Who is the communications lead from Navy in emergency response situations? Why were residents not notified on the County of San Diego emergency response application? We expect the results of internal Navy investigation and SDAPCD monitoring to be completely transparent with public.
 - ii. **Margarita Moreno (SC Member)** - I am a resident of National City. As community residents we were worried because we did not know what was happening; all we could

do was smell the smoke which smelled like tires burning. We only received notification from the Environmental Health Coalition (EHC) but nothing from Navy. If any changes are made, improve better information distribution with the public.

- iii. **Sandy Naranjo (SC Member)** – I am a National City resident. Thank you to the Mayor, Supervisor Nathan Fletcher, and EHC for doing everything they could when toxins entered our neighborhoods. There is a link between air pollution and COVID. We had to shelter in place during this fire. Can the community receive an official report? Can we get an emergency plan from Navy to share with us? Can there be other resources for disadvantaged folks who cannot move?

b. **Members of the Public**

- i. **Janice Luna Reynoso** - I am a National City resident and Executive Director of Mundo Gardens. The lack of response was scary as a mother and disappointing as a public servant and public health advocate. We are still waiting for masks and air purifiers. Where are the practical resources to alleviate air quality? What other resources can be provided to community?
- ii. **Jacqueline** - Demanded that Navy and ACPD release the data on what happened to prevent a disaster like this from happening in the future.
- iii. **Christian Ramirez** – I am a 20-year resident of Barrio Logan. I could see smoke from Sherman Heights. It was unacceptable that there was no formal response from Navy or ACPD except from the Mayor, Sotelo-Solis. The community demands the Navy and SDAPCD provide information to prepare for the next wave of toxicity that will poison the community. Had the fire occurred in Coronado, a response would have been quicker – this was an act of environmental racism. This was a criminal and unjustifiable response by the Navy.
- iv. **National City Mayor, Alejandra Sotelo-Solis** – Thank you Rob Reider for your assistance. This is not the first time a plume has displaced folks from National City. It is scary that it is happening again. As mayor, I am proud to have put out an advisory, however, after hours of burning. As we are speaking with Navy leadership, the community should recognize we are pushing them to share information about what burned in the fire. National City has received a monitor to collect data. This is the start of a discussion to how emergencies on the Navy base correlate with City and County protocol.
- v. **Klaus Gohlke** – Thank you Rob for hearing us, the community, out. I am a resident of National City and own a business in Barrio Logan. My family and I had to evacuate our home because of the flames. However, the Port was days late to provide us with hotel vouchers. How could a branch of US Military drop the ball on something so badly? The Initial response from the Navy was that the smoke was not toxic. This was insulting to community members. The smoke from the Navy ship fire will have long term impacts on the community. However, we have been smelling toxins from the Navy yard on a constant basis before the fire. We need to have better protocols and have the Navy follow through on promises made to the community. I am open to working to find solutions.
- vi. **Lori Saldaña** – Suggested creating a working group with representatives from Navy and Dept. of Defense to hold more public hearings to allow for more public testimony. Encourage the creation of a database in coordination with San Diego County Health to track the health of folks who were exposed because the effects will show in the years to come.

- vii. **Semilla Luna** – I am a resident of Logan Heights. Please release the cause of the fire and display the data on the fumes from the fire to the public. The Navy ship exposed our community to more toxins and yet the Navy was not transparent in sharing air quality data with the community. How could there be no toxins released yet the air smelled like burning plastics? I felt woozy, lightheaded, congested, and my asthma worsened from the fumes. Asked Navy to take responsibility by listing what burned in the fire and create protocol on how to alert all members of the community for future emergencies.

c. Steering Committee Members

- i. **Silvia Calzada** – I am a resident of National City. I come from a military family and have relatives currently serving in the Navy. It took four hours after the ship began burning to discover there was a fire in the Navy Yard. It is critical looking back on the mistake to prevent this from happening again. The Navy needs to step up.
- ii. **Philomena Marino (CERP SC)** – This is a challenge for both the Navy and the community. However, this is also an opportunity. What can be done better? Consider increasing the number of air monitors to collect more toxin data.
- iii. **Alicia Sanchez (CERP SC)** – I am a resident of National City. I am still very worried about the fire that burned last week. My husband suffers from cancer and deals with numerous respiratory issues. The filter that he uses to help him breathe caught numerous toxic particles. I am sure this is going to have negative impacts on the community's health. I ask that you consider the community's concerns today. This was most likely an accident, but community still deserves answers.
- iv. **AC Dumauual (CERP SC)** – We [the Navy] are in the stage of trying to understand what happened. Navy is still committed to working with the community and APCD and is now focusing on understanding the impacts on the community. The Navy is investigating the fire and will be transparent with sharing data as it comes in. There will be a better response in the future and right now the Navy is working to understand what the community will need.

d. Members of the Public

- i. **Janette Reyes (public)** – I am a National City resident. I am disappointed in the lack of response from the Navy. I demand an explanation and information of what happened and how this will impact our health in the future.
- ii. **Klaus Gohlke (public)** - Raised the issue of marine life impacts from this fire. Asked for reports on how the fire has impacted this.
- iii. **Julie Contreras (public)** - Supported the point that there should be a database to track what folks breathed from the air.

Rob Reider (Interim Director, SDAPCD) - Thanked the community for sharing their concerns and providing feedback. It was late in day before APCD sent out an alert. There will be infrastructure put in place to ensure this does not happen again. There was a citation placed on the Navy for violating air quality regulations and there will be a settlement that can be used to compensate the community. Assured the public that they have been heard.

IV. Public Comments on Items not on Agenda

- a. No public comments were made on items not on agenda

V. Subcommittee Updates (Daniela Simunovic and Subcommittee Representatives)

- a. Trucks (**Larry Hofreiter**)
 - i. The Trucks Subcommittee has met 4 times since last Steering Committee meeting
 - ii. July 14th meeting with Board of Port Commissioners
 - (A) Directed staff to advocate that the following strategies be included in CERP:
 - a. Develop short-haul, on-road electric truck pilot program
 - i. Short-haul electric truck routes in San Diego and/or National City
 - b. Replace higher-emitting cargo handling equipment at Tenth Avenue Marine Terminal with zero and near zero equipment
 - i. Feasibility analyses to support cargo handling equipment and truck fleet electrification
 - c. Prioritize and invest in projects to reduce vessel emissions while at berth
 - i. Electric truck parking and charging stations
 - ii. Pepper Park expansion
 - (B) Presented the steering committee with draft goals and strategies for the CERP
 - iii. Comments and questions
 - (A) **Joy Williams** – Noted that several members of Truck subcommittee signed letter of support back in June that led to these measures for electric trucks and thanked them for doing so.
- b. Port (**Larry Hofreiter**)
 - i. The Port Subcommittee has met 3 times since last Steering Committee meeting
 - ii. Topics and Discussion Items from previous meetings
 - (A) International Longshore and Warehouse Union (ILWU)
 - a. Joined by Anthony Siniga, ILWU
 - (B) Navy Base San Diego
 - a. David Zajac, U.S. Navy
 - (C) NASSCO
 - a. Sara Giobbi, NASSCO
 - iii. Report on Cargo Handling Equipment Inventory
 - (A) Approximately 40 pieces of fossil fuel-based equipment were identified at National City Marine Terminal
 - (B) Approximately 60 pieces of fossil fuel-based equipment were identified at Tenth Avenue Marine Terminal
 - (C) Identified 28 pieces of handling equipment to prioritize to become zero-emission electric
 - a. Twenty (20) forklifts
 - b. One (1) top handler/reach stacker
 - c. Six (6) yard trucks
 - d. One (1) Mobile harbor crane
 - (D) Presented what projected emissions decrease would be at Tenth Avenue Marine Terminal if those identified pieces of equipment were replaced with electric and lower-emitting alternatives:
 - a. NOx – 78% reductions
 - b. DPM – 93%
 - (E) Subcommittee is currently reaching out to equipment operators and owners to see if they would commit to replacing identified equipment with electric and near-zero emission alternatives
- c. Land Use (**David Flores**)
 - i. Land Use Subcommittee has identified 6 projects that are area wide projects in conjunction with SANDAGs military mobility projects.
 - (A) Blue Line Trolley
 - (B) Choyas Creek path
 - (C) 8th St Urban Trail – National City

- (D) Bay Marina Drive
- (E) National City wayfinding project
- ii. Subcommittee needs more time to:
 - (A) Confirm with Caltrans regarding vegetation buffers on I-5
 - (B) Coordinate with the City of San Diego and National City to provide strategies regarding land use, specifically looking at:
 - a. Green Space development and indoor air filtration program
 - b. Proposing additional truck route enforcement and enforcement in coordination of what has already been developed. Ensuring there is enough public education to have those move forward.
- d. **CERP (Ashley Rosia-Tremonti)**
 - i. CERP Subcommittee has met twice since last Steering Committee meeting
 - ii. On July 7th, CARB provided an overview of the emissions inventory process discussing:
 - (A) Development of vehicle miles traveled (VMT) metrics and emissions from transportation center
 - (B) How to utilize the SANDAG model to apply in CERP
 - (C) Potential actions and strategies
 - a. Created an Excel spreadsheet of best practices, drawing from Long Beach and West Oakland Steering Committees
 - iii. On July 14th meeting, subcommittee discussed:
 - (A) Updates on the Navy ship fire from Jim Swaney
 - (B) The Navy's violation of air quality regulations
 - (C) A brief follow-up on CARB emissions inventory
 - (D) Continued strategies discussion
 - iv. The Excel spreadsheet is available on Google Docs and can be shared with Steering Committee members who would like to review it and/or provide feedback

VI. CERP Update (Jim Swaney, SDAPCD)

- a. **Jim (SDAPCD)** – Reviewed CERP timeline
 - i. August – Draft CERP presented to Steering Committee
 - ii. September – Public Workshops
 - iii. October – Steering Committee Approval based on workshops
 - iv. November – APCD Board Approval
 - v. December – CARB Board approval. Submit what we can by the end of the year and identify what we still need to work on. Strategies may not be ready by end of the year but that is ok. If there is an explanation, CARB will be lenient.
- b. Questions from Steering Committee
 - i. **David Flores:** When are draft strategies due?
 - (A) **Rob:** End of month would be great. SDAPCD is fine of putting items into the plan if there is a nexus to air quality. It needs to be something the air district has control over or if another agency has provided commitment for following through on a certain item.
 - ii. **Rob** – We cannot change the due date of the CERP submittal, but the strategies that we are still waiting to get commitment from other agencies or waiting to be vetted should be documented. Committed to putting everything we can into the CERP.
 - iii. **Massie Hatch** – Will there be different processes in approval for the recommended strategies?
 - (A) There will be different strategies for different concerns. Some will be considered not by emissions level but by risk level as well
 - iv. **Jim** - July 31st deadline for suggestions to Air District in Draft CERP for August review

VII. Presentation: Emissions Inventory Portside Communities (CARB Staff)

- a. Link to presentation:
https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB_617/CARB_DRAFT_2018_Emission_Inventory_Portside_SanDiego_071720_ENGLISH.pdf
- b. AB 617 calls for the use of emissions inventories in community emissions reductions programs
 - i. Identify emission sources
 - ii. Establish baseline emissions
 - iii. Set targets
 - iv. Track emission reductions in communities selected for a CERP
- c. Air District and CARB Staff Collaboration:
 - i. Stationary sources – District
 - (A) Shipyards
 - (B) Industry
 - (C) Autobody shops
 - ii. Area sources – CARB/District
 - (A) Consumer Products
 - (B) Commercial Cooking
 - (C) Residential Fuel Combustion
 - iii. On-Road Sources – CARB
 - (A) Cars
 - (B) Trucks
 - iv. Off-road Sources – CARB
 - (A) Ocean Going Vessels
 - (B) Railyards
 - (C) Transport Refrigeration Units
- d. Draft of 2018 Community Emission Summary
 - i. Total Tons per year
 - (A) NOx – 1,412.5
 - (B) ROG – 1,684.1
 - (C) PM10 – 750.9
 - (D) PM2.5 – 242.4
 - (E) DPM – 26.6
- e. Stationary Sources
 - i. District oversees stationary point source emissions and submits facility emissions to CARB’s emissions reporting system
 - ii. CARB provides public access to facility emissions through the Facility Search Tool webpage and CARB Pollution Mapping Tool
- f. High Resolution 1-km Grid Approach
 - i. Characterized community specific emissions using 1x1 km grid
 - ii. Use spatial surrogates to allocate regional-level area source and off-road emissions to more specific location
 - iii. Use link-level activity data to aggregate on-road mobile emissions
 - iv. Use resulting high-resolution 1x1 km grid to determine sources and allocate emissions by source category within each community
- g. Area and Off-Road Mobile Sources Estimation Method
 - i. Emissions by County
 - (A) Activity Data
 - (B) Emission Factor
 - ii. Spatial Surrogate
 - iii. Emissions by Community
- h. Draft 2018 Off-Road Mobile Source Emissions
 - i. NOx

- (A) Majority of emissions from Commercial Harbor Craft
 - ii. PM2.5
 - (A) Majority of emissions from Off-road equipment rigs
 - iii. ROG
 - (A) Majority of emissions from Off-road equipment rigs
 - iv. DPM
 - (A) Majority of emissions from Commercial Harbor Craft
- i. Draft 2018 Area Source Emissions
 - i. NOx
 - (A) Majority of emissions from Residential Fuel consumption
 - ii. PM2.5
 - (A) Majority of emissions from Commercial Cooking
 - iii. ROG
 - (A) Majority of emissions from Commercial Products
- j. Next Steps
 - i. Finalize community emissions inventory working together with CSC and SDAPCD
 - ii. Update on on-road mobile sources inventory with Community specific fleet mix results from SDAPCD's license plate reader study from last summer (when available)
- k. Questions:
 - i. **Sara Giobbi (SC member):** Did you look at stationary sources outside portside communities?
 - (A) **Jim** – We have included all the stationary sources within boundary set for the portside area.
 - ii. **Sara Giobbi (SC member):** All within the three zip codes?
 - (A) **Jim** – Not sure, but they should be within that boundary. We will include source attribution in the appendices in the CERP.

VIII. Discussion: Office of Environmental Justice (SDAPCD Staff)

- a. **MOTION - Item was tabled to August meeting**

IX. Update: SDAPCD Ozone State Implementation Plan (Nick Cormier, SDAPCD)

- a. Link to presentation:
 - https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB_617/APCD_Ozone_Presentation-072120.pdf
- b. Overview of draft plan
 - i. What Causes Air Pollution
 - (A) Sunlight + Nitrogen Oxides + Volatile Organic Compounds = Ozone
 - ii. Ozone Pollution in San Diego County
 - (A) Air pollution is trapped by temperature inversion and mountains
 - (B) San Diego is predisposed to ozone creation due to local climate and topography
 - iii. Effects of Ozone
 - (A) Mostly impacts
 - a. Children and Seniors
 - b. People with asthma, bronchitis, or COPD
 - c. Those who spend more time outdoors
 - (B) Effects on Health
 - a. Burning eyes, throat, irritated mucus
 - b. Shortness of breath, wheezing, coughing
 - c. Asthma attacks, chest pain when inhaling, increased risk of respiratory diseases
 - (C) When and Where are Risks the Highest?

- a. Spring and Summer afternoons
 - b. Inland Areas
- iv. Clean Air Actions
 - (A) APCD
 - a. 300 rulemakings to reduce air pollution from stationary sources
 - b. Statewide leader in assisting CARB with enforcing mobile source regulations
 - c. \$131 million granted for emission reduction projects
 - (B) CARB
 - a. Cleanest motor vehicle fuels in the nation
 - b. Most stringent mobile source regulations in the nation
 - c. “Low” or “Zero-VOC” Consumer Products
- v. Clean Air Attainment Status
 - (A) Ozone is the only pollutant that does not meet national attainment standards
 - (B) There has been a 58% reduction in ozone-forming emissions in region between 2000-2020
- vi. Region’s Top Sources of NOx Emissions
 - (A) Heavy Duty Diesel Trucks
 - a. 19.7 tons/day
 - (B) Ships
 - a. 17.4 tons/day
 - (C) Off-road equipment
 - a. 16.4 tons/day
- vii. Total Emissions will Further Decline
 - (A) 2020
 - a. 191 tons/day
 - (B) 2026
 - a. 171 tons/day
 - (C) 2032
 - a. 165 tons/day
- viii. Ozone attainment of standards is predicted in 2026 and 2032
 - (A) Will meet both 2008 and 2015 standards, respectively
- ix. Business Impacts of Severe Classification
 - (A) Title V Federal Permit Program for Existing Major Sources
 - a. Current (Moderate)
 - i. Facilities emitting ≥ 100 tons/year
 - ii. 32 existing sources
 - b. Proposed (Severe)
 - i. Facilities emitting ≥ 25 tons/year
 - ii. Up to 25 additional sources
 - (B) New Source Review Program for New/Modified Major Sources
 - a. Current (Serious)
 - i. Facilities emitting ≥ 50 tons/year
 - ii. New or modified sources only
 - b. Proposed (Severe)
 - i. Facilities emitting ≥ 25 tons/year
 - ii. New or modified sources only
 - (C) New Source Review Emissions Offsetting Ratio
 - a. Current (Serious)
 - i. 1.2-to-1

- b. Proposed (Severe)
 - i. 1.3-to-1
- (D) Draft Ozone Plan & fact sheet are available on the APCD website

X. Closing Remarks

- a. Committee feedback on meeting, future agenda topics

XI. Adjourn

- a. Next scheduled meeting is 8/25/20 and will be a Virtual Meeting via Zoom