

Community Air Initiatives

Wilmington, Carson, West Long Beach Community Steering Committee Meeting #6

*Thursday, May 9, 2019
Carson Event Center
Carson, CA*



Announcements

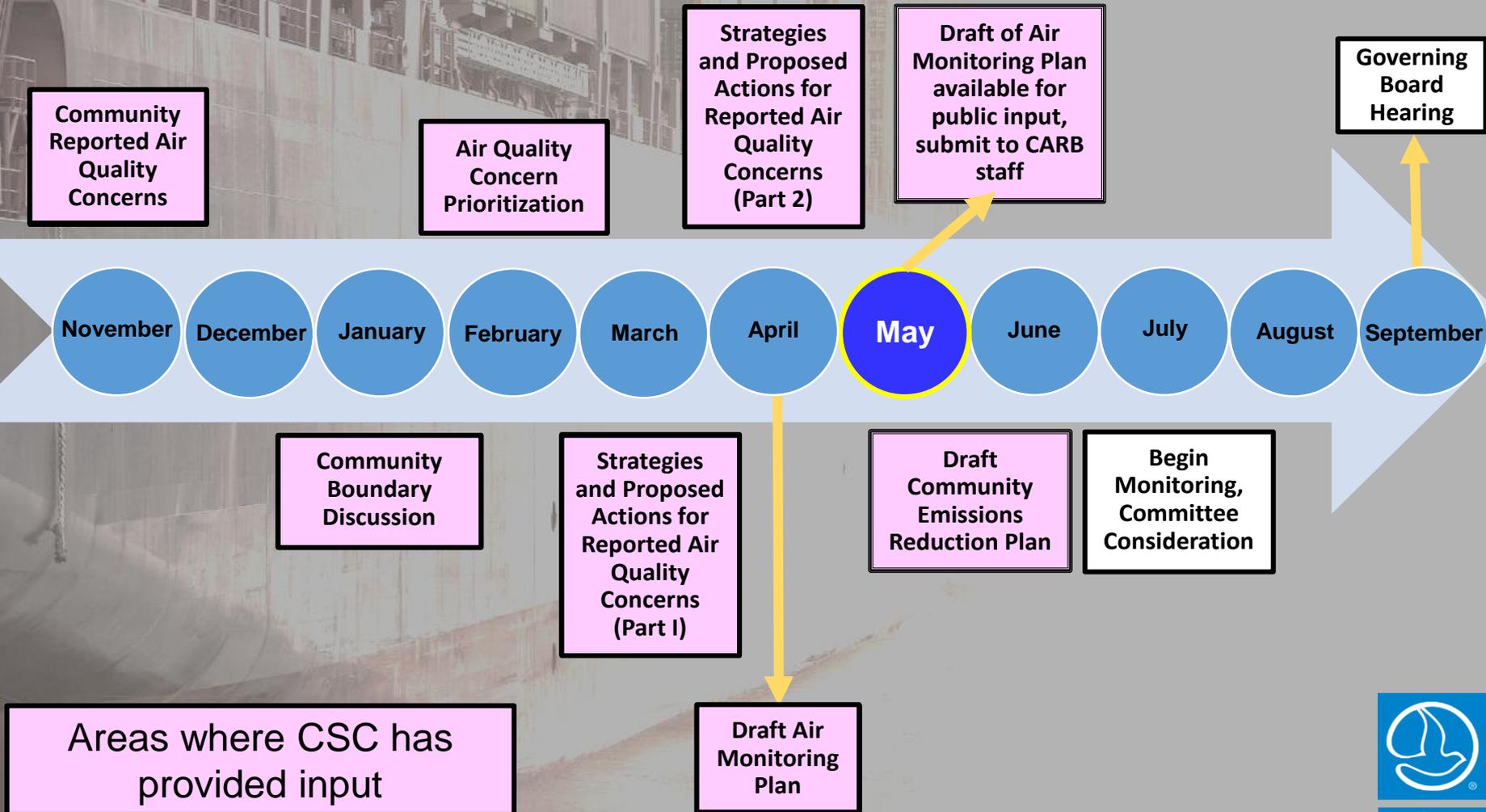
- Roster Approved by South Coast AQMD Executive Officer
- Suggestion Box



Committee Presenters

- AB 617 is a collaborative effort
- Seeking volunteer Community Steering Committee (CSC) members to present
- Highlight efforts within the Wilmington, Carson, West Long Beach (WCWLB) community that could be part of the AB 617 Community Emission Reduction Plan (CERP)
- Who would you like to hear from?
 - Let us know!

WCWLB Progress



WCWLB Meeting #5

Brief Recap of Air Quality Concerns Discussion



Oil Drilling/Production

- Provide outreach/notifications on chemicals, toxicity, and health impacts, related to oil drilling activities
- Increased enforcement efforts for inspections at active and abandoned oil wells for leaks
- Increased monitoring efforts of oil drilling activities (e.g. fenceline monitoring)
- Electrify diesel powered operations at drilling sites or installing high efficiency motors for equipment that cannot be electrified (would like zero-emission technology)



Schools, Hospitals, Parks, & Community Centers

- Concerns about truck and locomotive idling, especially cargo handling equipment near schools and parks
- Concerns that the South Coast AQMD's monitoring efforts may be repetitive; encourage staff to investigate past studies conducted in the community
- Add monitoring around schools, because children are a priority population



Railyard (On-Site Emissions)

- CSC members are concerned about the cumulative effects of increasing pollution from ports, trucks, and railyards

* See meeting summary for more details



California Air Resource Board Actions and Regulations

Who is CARB?



CARB

Regulates mobile sources of air pollution, greenhouse gases, and consumer products.



Cars



Trucks



Buses



In-Use compliance focuses on engines that are already in use by the public. Certification ensures that new engines being sold in California meet specific emissions standards.

Tools in Development



What does this Community Steering Committee want to discuss?

What do you want to know more about?

What efforts do you have input on?

AB 617 Community Steering Committee Meeting

Wilmington/Carson/West Long Beach

May 9, 2019

Improving On-road Vehicle Data: Automated License Plate Readers (ALPR) Portable Emission AcQuisition System (PEAQS)

Sara Forestieri, Victoria Villa, Jeremy Smith
California Air Resources Board

What is ALPR?

- Collect footage of on-road traffic
- Use ALPR software to read license plates
- Use DMV Registration data and other databases to link license plate to vehicle information

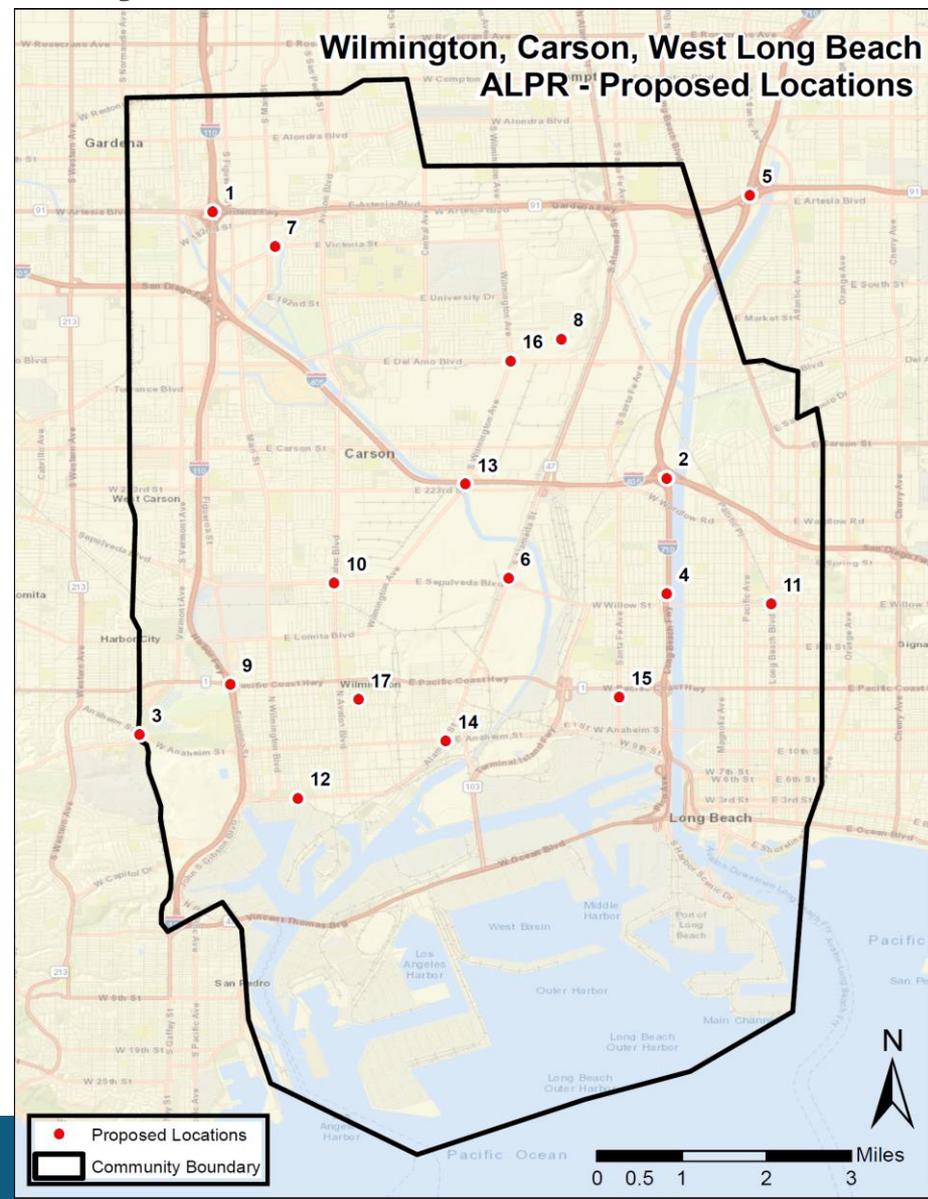


- Understand what vehicles operate in the community
- Determine split of local vs non-local trucks
- Understand how often commercial trucks operate certain roads (e.g., truck-prohibited routes)
- Validate/refine on-road vehicle emission estimates
 - The fraction of light- vs heavy-duty vehicles
 - Model year distribution and therefore age
 - Traffic counts
- Identify older trucks for targeted incentives

On-road Mobile Source Concerns

Community Identified Initial Locations for Discussion

ID	Location
1	110/91 Freeway
2	405/710 Freeway
3	5 Points
4	710 Freeway
5	91/710 Freeway
6	Alameda Corridor
7	Carson Logistics
8	Carson Warehousing District
9	On/Off Ramp Traffic
10	E Sepulveda Blvd. and S Avalon Blvd.
11	Traffic East of Transportation Corridor
12	Wilmington Waterfront Park
13	405 Fwy Off Ramp Traffic - S Wilmington Ave
14	E Anaheim St. and Alameda St.
15	Santa Fe Ave and PCH
16	S. Wilmington Ave and E. Del Amo Blvd
17	Lakme Avenue



What is PEAQS?



- **PEAQS platforms and deployments**

- **Prototype** trailer and suitcase sized platforms
- 12 weeks of pilot measurements across California
- Assessing ability to serve as a screening tool for enforcement programs
- CARB will test first unattended system for long-term operation summer 2019
- Building additional PEAQS units –
Expected availability 2020



Committee Discussion on Community Emissions Reductions Plan (CERP)

Focused List of CERP Actions to Address Air Quality Priorities

Air Quality Priority	Details of Priority	Strategy	Action
Refineries	Flaring, public notifications	Public Info & Outreach/Collaboration	Implement flaring event notifications with real-time flaring information; Collaborate with Los Angeles County and City of Long Beach Departments of Public Health and schools to develop notification language and outreach materials for the public
	Refinery equipment	Regulations	Continue rule development and implementation of BARCT: Rule 1109.1 - Refinery Equipment
	Storage tanks and refinery leaks	Monitoring/Enforcement	Conduct mobile and fenceline monitoring; Enforcement follow-up where needed
Ports		Monitoring/Enforcement	Monitor oil tankers at-berth using FLIR camera; Enforcement follow-up where needed
		Rules/Regulations	Support rule development of California Air Resources Board's (CARB) proposed At-Berth Regulation; Collaborate with CARB on enforcement of Drayage Truck Regulation; Continue development of Facility-Based Mobile Source Measure (FBMSM)
		Incentives	Incentivize the acceleration of cleaner ships and harbor craft
Trucks		Enforcement	Targeted enforcement sweeps for idling, priority given to sweeps near schools
		Incentives	Incentivize accelerated deployment of cleaner trucks
Oil Drilling/ Production	Leak/Odors/ Wells/Drilling	Monitoring/Enforcement/ Public Info & Outreach/Regulations	Conduct monitoring efforts around oil drilling activities (incl. fenceline monitoring and other approaches); Use monitoring data to prioritize inspections for leaks in both active and abandoned oil wells; Amend notification requirements through rule development if needed (Rule 1148.1/1148.2)
		Public Info & Outreach	Collaborate with Los Angeles County Department of Public Health and schools on notifications and outreach materials for chemicals, toxicity, health impacts and recommendations related to oil drilling activities
Rail*		Regulation	Continue development of Facility-Based Mobile Source Measure (Indirect Source Rule); Support CARB on petitioning the U.S. EPA for new national locomotive emission standards
Schools*		Exposure Reduction	Install school air filtration systems
		Public Info & Outreach/Collaboration	Collaborate with Los Angeles County and City of Long Beach Departments of Public Health and other agencies on air quality advisories and/or asthma related programs; Bring Environmental Justice Community Partnership (EJCP), Clean Air Ranger Education (CARE), and Kids Making Sense programs to schools

*Email sent to CSC requesting more input

Air Quality Priority: [AQ Priority Name, Sub-topic Name]**Action #1: [Title of Action 1]**

Air Quality Priority Concern Action Template

- CSC members and staff can have one-on-one template discussions
- Focus on actions that are priorities for the CSC members

Description of Action:**Strategies Included:**

- [list strategies that apply]
- [Regulation]
- [Incentives]
- [Air Monitoring]
- [Enforcement]
- [Public Info & Outreach]
- [Collaboration]
- [Exposure reduction]

Goals, Metrics, and Timeframe:**Implementing Agency, Organization, Business or Other Entity:**

Name	Action

References

Example 1

**Air Quality Priority: Refineries
Action XX: Flaring Notifications**

Description of Action:

Enhanced flaring event notifications for the public, with real-time flaring information. The enhanced notifications would also include outreach to schools regarding what to do during flaring events.

Strategies Included:

- ✓ Enforcement
- ✓ Public Info & Outreach
- ✓ Collaboration

Goals, Metrics, and Timeframe:

Implementing Agency, Organization, Business or Other Entity:

Name	Action
South Coast AQMD	Provide real-time flaring event notifications
LA County Dept. of Public Health	Collaborate with South Coast AQMD to develop content and public messaging, and to conduct outreach to schools

References: South Coast AQMD Rule 1118
(<http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1118.pdf>)

Example 2

**Air Quality Priority: Neighborhood Truck Traffic
Action XX: Idling Truck Enforcement**

<p>Description of Action:</p> <p>Conduct surveillance for idling trucks outside of schools and residential areas near high traffic areas. This includes distribution centers or other locations of concern identified by CSC members (e.g. high traffic corridors on Santa Fe Avenue, Figueroa, PCH, Anaheim Street, the Alameda corridor, Lakeme Ave, etc.).</p>		<p>Strategies Included:</p> <ul style="list-style-type: none"> ✓ Enforcement ✓ Collaboration 						
<p>Goals, Metrics, and Timeframe:</p> <ul style="list-style-type: none"> • Conduct [<i>X amount of</i>] targeted inspections and targeted sweeps within a [<i>insert proposed timeframe</i>]. 								
<p>Implementing Agency, Organization, Business or Other Entity:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>South Coast AQMD</td> <td>Targeted idling sweeps may require coordination with local law enforcement.</td> </tr> <tr> <td>CARB</td> <td>Idling truck inspections with support from local law enforcement</td> </tr> </tbody> </table>			Name	Action	South Coast AQMD	Targeted idling sweeps may require coordination with local law enforcement.	CARB	Idling truck inspections with support from local law enforcement
Name	Action							
South Coast AQMD	Targeted idling sweeps may require coordination with local law enforcement.							
CARB	Idling truck inspections with support from local law enforcement							

References 13 CCR § 2485; <https://www.arb.ca.gov/enf/diesel.htm>

Example 3

**Air Quality Priority: Oil Drilling/Production
Action XX: Inspection of Oil Wells in WCWLB Community**

Description of Action:

Conduct mobile monitoring to screen wells in WCWLB community for leaks. Gas analysis will be conducted where higher levels are detected. Monitoring will be prioritized based on proximity to sensitive receptors, repeat offenders, or chronic complaints.

Strategies Included:

- ✓ Air Monitoring
- ✓ Enforcement
- ✓ Collaboration

Goals, Metrics, and Timeframe: Mobile monitoring to screen [*X amount of*] wells within [*insert proposed timeframe*]

Implementing Agency, Organization, Business or Other Entity:

Name	Action
South Coast AQMD	Mobile monitoring to screen, then follow up with inspections of oil wells/drilling/production sites
City of Los Angeles	May conduct joint inspections with South Coast AQMD
Division of Oil, Gas, and Geothermal Resources (DOGGR)	May conduct joint inspections with South Coast AQMD

References

Air Quality Priority Concern Action Templates

1. Would you like to contribute additional input towards a specific CERP action?
2. What specific CERP actions would you like to work on?
Contact staff and let us know!
3. What measureable air quality goals should be set for each action item?

Send comments to:
Dianne Sanchez - dsanchez@aqmd.gov
or
Nicole Silva - nsilva@aqmd.gov

Community Air Monitoring Plan (CAMP)

Community Discussion

Send comments to:
AB617@aqmd.gov

Next steps and important reminders

Future meeting dates and locations:

- CSC Meeting #7: June 13th (6:00 p.m. - 8:30 p.m.) at Wilmington Senior Center

Likely agenda items for CSC Meeting #7:

- Committee presentations
- CARB & South Coast AQMD Enforcement Actions
- Measuring Success: Goals

Is the CSC okay with these topics?

Any additional topics?

Next Technical Advisory Group (TAG) Meeting:

- **May 29, 2019**

Proposed Roster Update:

- Request CSC to add Kenneth Dami in place of Janet Grothe as alternate for John Wogan
- Does the committee have any concerns?

**Thank you
for the hard work!**

More information on AB 617:

www.aqmd.gov/AB617

Email: AB617@aqmd.gov

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