

Community Air Initiatives

East Los Angeles, Boyle Heights, West
Commerce
Community Steering Committee
Meeting #10

*Thursday, October 24, 2019
East Los Angeles Service Center
Los Angeles, CA*



Meeting Objectives

- CSC Member Roster
- Governing Board Meeting Recap and Next Steps for CARB
- Committee Presenter: Corina Martinez - AltaMed
- Truck Idling Locations Activity
- AB 617 Incentive Fund Projects
- Community Air Monitoring Highlights



CSC Member Roster



- If you would like to continue as a CSC Member, complete an **Interest form** and check the “**Recommit**” box
- Please return the form to staff or send to AB617@aqmd.gov
- If you are no longer interested in being a CSC Member, please recommend someone in your community or organization who would like to participate

**Please submit your form by
November 1, 2019**

Governing Board Meeting Recap and Next Steps for CARB

Governing Board Meeting Recap

- Meeting was held on September 6, 2019
- Staff presented all 3 AB 617 Year 1 CERPs
- Each CERP was adopted by the Governing Board
- The Governing Board agenda (i.e., CERP, presentation, etc.) is available at:
<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>
- The meeting can be viewed at:
<http://www.aqmd.gov/home/news-events/webcast>



Next Steps for CARB

October
2019

- South Coast AQMD staff will submit CERPs to CARB for review

January
2020

- CARB staff will hold a community meeting to hear from the community as staff develop recommendations on the CERP

February
2020

- CARB staff will recommend approval of the CERP if it meets the criteria of the Final Community Air Protection Blueprint

March
2020

- The CARB's Board will vote on the recommendations in the staff report

My Community, My Health Coalition



AltaMed

QUALITY CARE WITHOUT EXCEPTION™

AltaMed Health Services

Fast Facts

- A network of Federally Qualified Health Centers with 40+ accredited sites in Los Angeles and Orange Counties
 - 294,000 patients
 - 86-97% of patients self-identify as Latino
 - 2,800 employees
- Mission: Eliminate disparities in health care access and outcomes by providing superior quality health and human services through an integrated world-class delivery system for Latino, multi-ethnic and underserved communities in Southern California



My Community, My Health Coalition

Mission: Work together to promote healthy and active living for our community through systemic interventions, environmental change, and health policy advocacy.

Vision: Make Southeast Los Angeles a healthy place to work, learn and play.

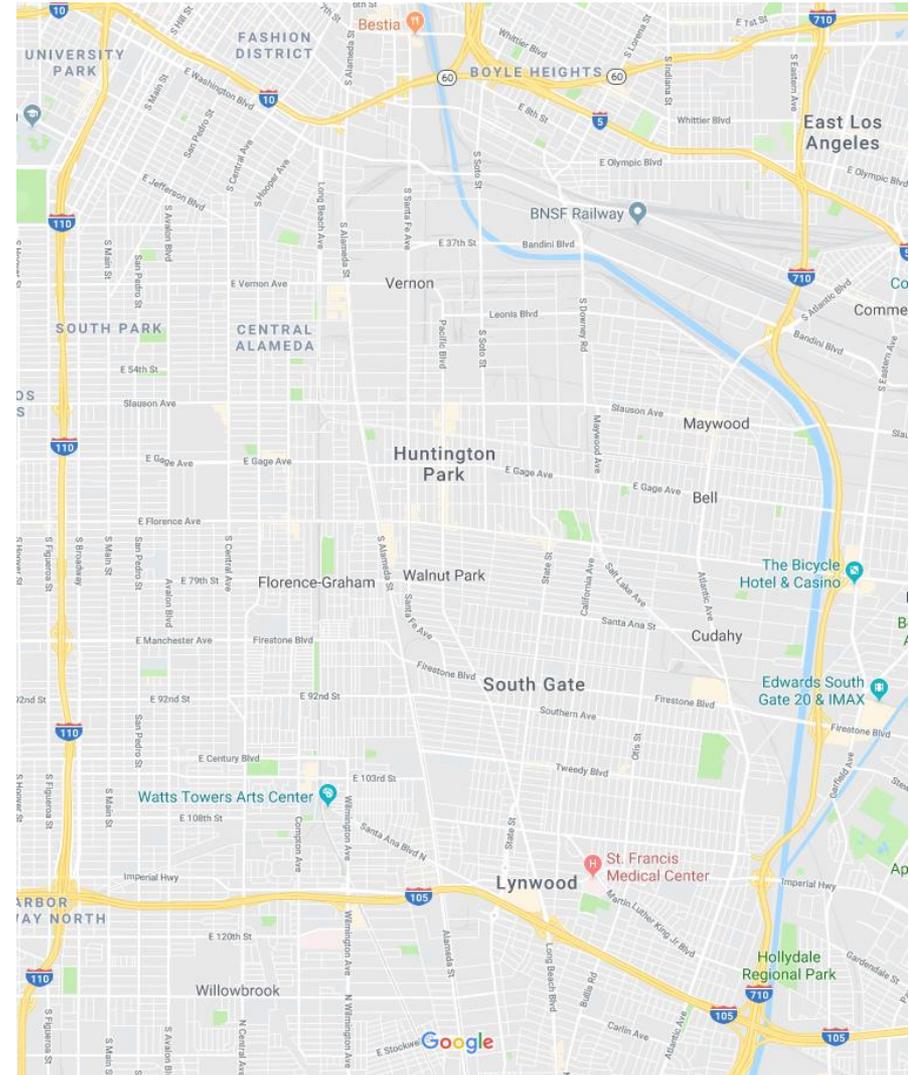
Contact: Alicia Rodarte, Community Partnerships Specialist, amrodarte@altamed.org



MCMH Coalition

Southeast LA Cities

- Bell
- Bell Gardens
- Commerce
- Cudahy
- Unincorporated East Los Angeles
- Florence-Firestone
- Huntington Park
- Lynwood
- Maywood
- Montebello
- South Gate
- Vernon
- Walnut Park
- Whittier



My Community, My Health Coalition

2019 Meeting Themes

- January: Coalition purpose & goals
- April: Partnership agreements and coalition by-laws. Presentation: Policy, systems and environmental changes in SELA”
- July: Identifying actionable and measureable strategies to support goals
- October: Food access & civic engagement presentations
- **December: Unveiling plan and preparing for roll-out in Jan. 2020**

PSE DEVELOPMENT FRAMEWORK — POLICY, SYSTEMS, ENVIRONMENTAL CHANGE

BUILD PARTNERSHIPS	IDENTIFY THE ISSUE	DETERMINE OPTIONS	REVIEW FEASIBILITY	DEVELOP ADVOCACY PLAN	IMPLEMENT AND ENFORCE	EVALUATE OUTCOMES
Who is involved and how?	Should something be done?	What should be done?	Can it be done?	How to get the idea into policy?	How to make the PSE idea come alive?	What happened? What difference did it make?
<p>1</p> <p>Partnerships are core to all stages of PSE development</p> <p>Community identification</p> <p>Shared goal</p> <p>Coalition-building</p> <ul style="list-style-type: none"> • Leadership development • Engaging the Community Wheel • Role clarity in advocacy and lobbying 	<p>2</p> <p>Is there a problem?</p> <p>What are the contributing factors?</p> <p>Is the data compelling (burden of the problem)?</p> <p>Urgency and timing</p> <p>What happens if it is not addressed (societal costs)?</p> <p>Assessing health equity (Does it unequally impact the population?)</p>	<p>3</p> <p>Chose type/level of PSE needed</p> <ul style="list-style-type: none"> • Federal • State • Local • Institutional <p>Collection of proven PSE change ideas</p> <ul style="list-style-type: none"> • Evidence-based • Cost-benefit (ROI) • How expensive to implement? <p>Check biases and assumptions of key partners</p>	<p>4</p> <p>Prioritize your PSE options based on the criteria below</p> <p>Political</p> <ul style="list-style-type: none"> • Assess political climate and readiness <p>Programmatic</p> <ul style="list-style-type: none"> • Level of complexity? • Who will implement? • Enforcement: who/how? • Can impacts be measured? <p>Social</p> <ul style="list-style-type: none"> • Connection to community values • Magnitude of impact on the community • Unintended consequences 	<p>5</p> <p>Know your authorizing environment</p> <ul style="list-style-type: none"> • Capacity and resources • Lobbying vs. advocacy <p>Choose your PSE pathways</p> <p>Refine PSE Action Statement</p> <p>Smart Advocacy</p> <ul style="list-style-type: none"> • Frame your message • Create a movement • Develop your pitch • Deploy champions 	<p>6</p> <p>Implementation planning</p> <ul style="list-style-type: none"> • Ensure adequate resources • Deploy media to educate about policy • Collect baseline data • Counteract obstacles and constraints • Re-deploy media to shape new norms <p>Enforcement</p> <ul style="list-style-type: none"> • Create prioritization with enforcement • Ensure adequate and sustained enforcement 	<p>7</p> <p>Short-term outcomes</p> <ul style="list-style-type: none"> • Degree of implementation? • Magnitude of PSE enforcement? • Foundation built for PSE modification? • Funds dedicated to implementation? <p>Long-term outcomes</p> <ul style="list-style-type: none"> • Was there any measurable change in behavior (norms) • Answer the question: What difference did the PSE change make in the lives of the people impacted? <p>Coalition Cohesiveness</p> <p>Policy Modification (process begins again)</p>
COLLABORATE		PRIORITIZE		ADVOCATE		IMPLEMENT

Environmental Health Workgroup

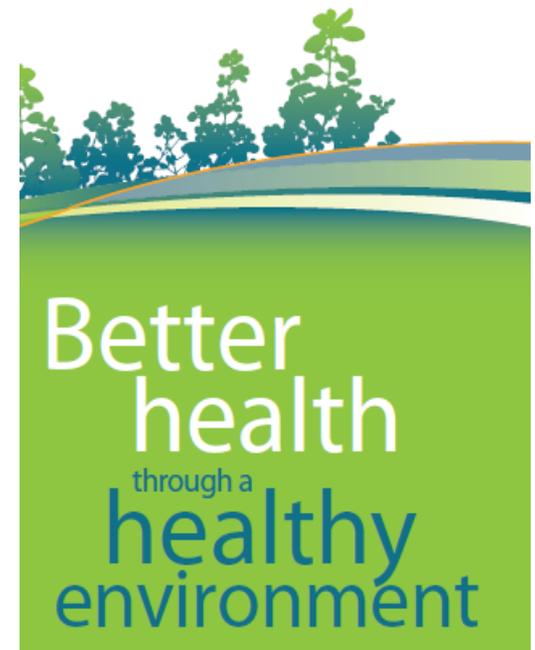
Workgroup Leaders:

- Primo Castro (American Cancer Society)
- Michael Olivares & Jesus Rivera (American Lung Assoc.)

Goal: Improve public awareness of health problems caused by environmental toxins, and collaborate with community partners to reduce and/or eliminate toxins.

Issues of Interest:

- Exide
- Clean air, soil, & water
- Transportation
- Reduce smoking/e-cigarette use



Youth Empowerment Workgroup

Workgroup Leads:

- Oscar Velasco (AltaMed)
- Sophia Gonzalez (The Whole Child)

Goal: Create just, equitable, and thriving communities for young people.

Issues of Interest:

- Mental Health
- Socioemotional Development
- Physical Health
- Civic Engagement



AltaMed's Civic Engagement Program Components

**VOTER/CENSUS
ENGAGEMENT
& MOBILIZATION**

**SOCIAL
DETERMINANTS
OF HEALTH**

**ISSUE
ADVOCACY**

**COLLABORATIO
N &
RESOURCE
SHARING**

**COMMUNITY
OUTREACH**

**SYSTEMS
CHANGE**

AltaMed

MY OTE.MY HEALTH.

MI VOTO, MI CENSO, MI SALUD



WE KNOW WHAT WORKS:

Culturally competent and community-relevant outreach by trusted messengers dramatically increases census participation and voter turnout.

The purpose of AltaMed's non-partisan, civic engagement program My Vote, My Health | Mi Voto, Mi Censo, Mi Salud is to provide a model – and an actual blueprint – for how to best mobilize Latinos and underserved populations to fill out the census and turn out to vote.

AltaMed

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EXAMPLES OF HIGHEST ACHIEVING PRECINCTS

CITY	Precinct	Registered Voters	2014 Ballots	2018 Ballots	Increase	% Chg
South Gate	6550016	1178	71	378	+307	432%
Boyle Heights	9000275	992	93	400	+307	330%
South Gate	6550047	772	93	348	+255	274%
South Gate	6550003	1169	64	236	+172	269%
Huntington Park	2850001	688	85	282	+197	232%
South Gate	6550052	1147	84	260	+176	210%
Montebello	445003	1002	90	270	+180	200%
Huntington Park	765003	1222	82	242	+160	195%
South Gate	6550001	809	127	374	+247	194%
East Los Angeles	2000002	839	113	325	+212	188%

TOWN HALL – PUBLIC CHARGE

AltaMed

Your community health network

FOLLOW
US



Fact vs. Fiction

Public Charge and Immigration Status Community Town Hall

Do you understand the difference between fact and fiction when it comes to public charge? "Public charge" is a rule used in certain immigration cases to determine who may depend on public benefits as their main source of support.

Bottom line – the current public charge rule has not changed but there is a proposal to make the rule stricter.

Join us for an interactive discussion with local leaders who are familiar with the health and legal concerns of the immigrant community. You will understand your rights, know which resources are available, and relieve any fears around accessing services for you and your family.

DATE:

Thursday, April 18, 2019

TIME:

6:00 p.m. – 8:00 p.m.

LOCATION:

East Los Angeles College, Recital Hall-S2

1301 Avenida Cesar Chavez
Monterey Park, CA 91754

(Metro bus lines 31, 68, 260, 762 and 770)

WECAN Initiative – AltaMed & COFEM



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Thank you!

Corina Martinez

Community Health Impact Team

AltaMed Health Services

CorMartinez@altamed.org

CERP Implementation: Idling Truck Sweeps



AB 617 ELABHWC Community Steering Committee
October 24, 2019

California's Commercial Vehicle Idling Regulation

- Airborne Toxic Control Measure (ATCM) adopted by CARB in 2004 [Title 13, CCR, Section 2485]
- Purpose: To reduce public exposure to diesel particulate matter and other air contaminants by, among other things, limiting the idling of diesel-fueled commercial motor vehicles
- Can be enforced by CARB, peace officers in CA, and local air districts (e.g., South Coast AQMD)

What Is Covered by the Anti-Idling Rule?

- On-road, diesel-fueled commercial motor vehicles with a gross vehicle weight rating of at least 10,000 pounds
- Vehicles operating in California, whether or not registered in the state
- Diesel-fueled auxiliary power systems (APS), such as for air conditioners, heaters, or other equipment that allow resting in a sleeper berth

What Is Not Covered?

- Pickup trucks and other personal vehicles
- Motorhomes and trailers
- Non-diesel fueled trucks (e.g., gasoline or natural gas)
- Off-road vehicles, such tractors, cranes, and bulldozers
- Transport Refrigeration Units (TRUs)

Idling Restrictions

1. Without a “Certified Clean Idle” sticker, no idling anywhere for over five minutes
 - 2007 and newer model-year diesel engines that meet the low NOx limit (30 g/hr)
2. Even with a “Certified Clean Idle” sticker, special prohibition on idling within 100 feet of schools, residences, hotels, or other restricted areas for more than five minutes
3. Diesel-fueled auxiliary power systems (APS) also may not be operated for over five minutes within 100 feet of any restricted area





The Queuing Exception

- “Queuing” refers to waiting to perform work in a line of vehicles that is repeatedly starting and stopping, when shutting off the vehicles’ engines is not possible
- Does not include waiting in line before the start of a workday or the opening of a work location
- Queuing vehicles must at all times be beyond 100 feet from any restricted area for this exception to apply

Upcoming Enforcement Efforts

- Quarterly idling truck sweeps, with follow-up enforcement actions
 - At locations identified by CSC and staff as having frequent idling
 - Will be conducted by both CARB and South Coast AQMD
 - Inspection results and input from the community will determine next steps

Truck Idling Location Prioritization Activity

- 1) Provide location details (address, cross streets, facilities, etc.)
- 2) Provide time and day(s) of week
- 3) Add a  next to your top 5 areas



Truck Idling Location Worksheet*

Example

Location	Location Details	Time(s) and Day(s) of Week	✓
Example	1020 South Soto Street. Cross Street is 7 th Street. 2 trucks regularly seen idling near Soto Street Elementary School.	Tuesdays 7:00 AM to 9:00 AM	✓
A			
B			
C			

*Please submit worksheet by 5:00 pm, November 1, 2019 to ab617@aqmd.gov

To Report a Truck Idling Complaint

Call South Coast AQMD or CARB and please provide the following information:

- Location of the incidence (address or nearest cross streets)
- Time of the incidence (when it was observed)
- Whether the incidence is still happening or not
- Whether the incidence is happening within 100 feet from a sensitive receptor (e.g., schools, daycares, hospital)
- License plate of the truck (if possible)

South Coast AQMD
1-800-CUT-SMOG

or

CARB
1-800-END-SMOG

Update on AB 617 Incentive Projects



Walter Shen
Program Supervisor
South Coast AQMD

Background –AB 134 (Year 1)

- In 2017, Governor signed AB 134
 - \$250M statewide for early actions to reduce emissions in disadvantaged and low-income communities
 - \$107.5M allocated to South Coast AQMD (6.25% for administrative costs)
 - Eligible projects are those submitted through Carl Moyer and Proposition 1B - Goods Movement Programs
 - Spending deadline: June 30, 2021

South Coast AQMD has awarded all AB 134 funds to projects, now in various stages of deployment

Background – SB 856 (Year 2)

In 2018, Governor signed **SB 856**

- \$245M statewide to continue supporting the goals of AB 617
- \$85.57M allocated to South Coast AQMD (6.25% for administrative costs)
- Spending deadline: June 30, 2022

Mobile source projects submitted under this year's Carl Moyer Program may be considered for Year 2 incentives

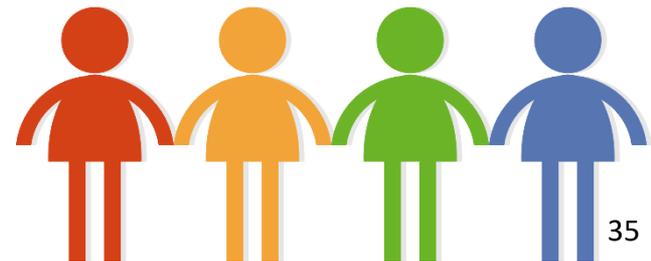
Funding requests far exceeded the amount of available funds

Priority given to projects domiciled or operated a majority of time in the AB 617 communities (under consideration for approval)

Enhanced Outreach

In addition to regular outreach for Carl Moyer Program, staff conducted additional outreach targeting sources in AB 617 communities:

- Program funding information/staff support at community steering meetings
- Coordination with Ports to provide funding information to drayage truck owners/operators and terminal operators
- Emails to over 16,000 subscribers to Carl Moyer listserv
- Emails to warehouse facilities
- Enhanced outreach to agricultural communities
- Truck survey



Additional Outreach from CERP Actions - Examples



- **Neighborhood Truck and Automobile Traffic (Chapter 5b)**

Action 2 – Conduct incentive outreach events

Action 3 – If feasible, implement Automated License Plate Reader (ALPR) and Portable Emission Acquisition System (PEAQS) at prioritized locations to begin focused outreach for incentives



- **Railyards (Chapter 5c)**

Action 1 – Provide incentive information to railyards to work towards replacing diesel-fueled equipment with cleaner technologies

Update on CAP Incentive Projects

Project Type	Technology	Year 1			Year 2 (Proposed*)		
		# of Units	Awards	NOx Reduced (TPY)	# of Units	Funds Requested	NOx Reduced (TPY)
Heavy-Duty Vehicles	Optional Low NOx	-	-	-	9	\$0.7M	5.3
Off-Road Equipment	Tier 4 Engine	3	\$0.2M	1.6	2	\$0.1M	1.8
Infrastructure	Zero Emission	-	-	-	1 (site)	\$0.3M	NA
	Renewable Natural Gas	2 (sites)	\$2.0M	NA	-	-	-
Locomotive	Tier 4 Engine	6	\$11.5M	26.9	-	-	-
Total		9	\$13.8M	28.5	12	\$1.1M	6.0

* Currently scheduled for Governing Board consideration for December 6, 2019

Zero Emission Projects

(Boyle Heights, East Los Angeles, West Commerce)

Zero Emission Project Type	Year 1	Year 2 (Proposed)
Infrastructure	None	50 outlets for electric-powered and hybrid TRUs

Emission Reduction Benefits

(Boyle Heights, East Los Angeles, West Commerce)

Pollutant	Expected Annual Emission Reduction (TPY)	
	Year 1	Year 2 (Proposed)
NOx	28.5	6.0
PM	0.4	0.0
ROG	1.2	0.2

Upcoming Funding Opportunities

Proposition 1B – Goods Movement Program:

- Program Announcement opened October 4
- Open until all funds are fully committed (or by 12/30/20)
- Funding for Class 5-8 heavy-duty trucks
- Approximately \$30M available
- Program Announcement now open
- Class 7/8 - \$200k for zero emission, \$100k for near-zero emission
- Considering a “plus-up” for small fleets



Upcoming Funding Opportunities

Volkswagen Mitigation Program:

Project Category *	Technology	Allocation (millions) *	Air District
Zero Emission Transit, School and Shuttle Buses	Battery electric or fuel cell	\$130 **	SJVAPCD
Zero Emission Class 8 Freight and Port Drayage Trucks	Battery electric or fuel cell	\$90	South Coast AQMD
Zero Emission Freight and Marine Projects (e.g., airport GSE, forklifts, port cargo handling equipment, shore power at port terminals)	Battery electric or fuel cell	\$70	BAAQMD
Combustion Freight and Marine Projects (e.g., waste haulers, dump trucks, concrete mixers, switcher locomotives, ferries, tug/tow boats)	Low NOx engine, Tier 4, or Tier 4 equivalent	\$60	South Coast AQMD
Light-Duty Zero Emission Vehicle Infrastructure	Electric charger or hydrogen fueling station	\$10	BAAQMD
	Total:	\$360	

*1st installment totaling \$167 million will be made available starting this year

**Schedule to open this October 2019, First-Come, First-Served

Upcoming Funding Opportunities

Carl Moyer Program:

- Annual Cycle
- 2019 Carl Moyer Program closed in June of this year
- 2020 Carl Moyer Program anticipate a total of \$40M available
- **New Program Announcement scheduled for release in March 2020, and will close in June 2020**
- On- and off-road heavy-duty vehicles/equipment and infrastructure for zero and near-zero emission technologies

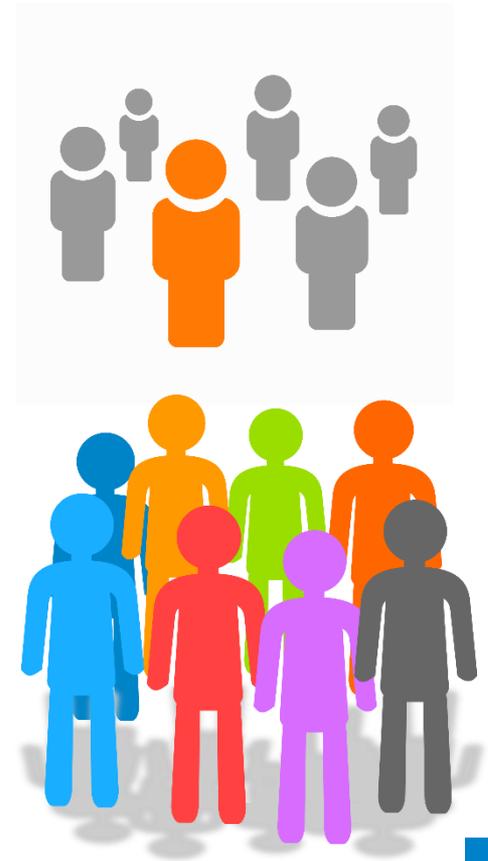


Useful Links

Topics	Links
CAPP Incentives Web Page	http://www.aqmd.gov/cappincentives
Prop 1B Goods Movement Program Web Page	http://www.aqmd.gov/prop1b
Volkswagen Mitigation Web Page	http://www.aqmd.gov/vw
San Joaquin Valley APCD's Volkswagen Mitigation Web Page (Zero Emission Transit, School and Shuttle Buses) – <i>Scheduled for Release in October 2019</i>	http://vwbusmoney.valleyair.org
Voucher Incentive Program (for small fleets of 10 trucks and less)	http://www.aqmd.gov/vip

Opportunities for Incentives Outreach in the Community

- Small fleets - Independent Owners and Operators:
 - South Coast AQMD looking into providing a “Plus-Up” to increase incentive amount for small fleets
 - Priority ranking for small fleets
- Incentives outreach events
- Build upon and/or improve existing outreach efforts (e.g., warehouses, commercial fleets, etc.)
- Provide information on zero emission vehicles and availability of incentives



Comments or Questions?

- Please visit: www.aqmd.gov/cappincentives
 - At bottom of web page, click on “Comments or Questions”
- To receive updates on South Coast AQMD’s incentive funding programs, please visit: www.aqmd.gov
 - At bottom of web page, please sign up at “Newsletter Sign Up”
 - Check all programs you are interested in
 - Then click “Subscribe”





Updates on Community Air Monitoring in ELABHWC

Payam Pakbin, PhD
Program Supervisor

Ongoing AB 617 Air Monitoring Activities

Baseline Monitoring

- Central LA (CELA) Monitoring Station
- Resurrection Church Monitoring Station

Mobile Monitoring

- Wide-Area Surveys
- Targeted Surveys
- Emission Source Characterization

AB 617 Community Air Monitoring Webpage:

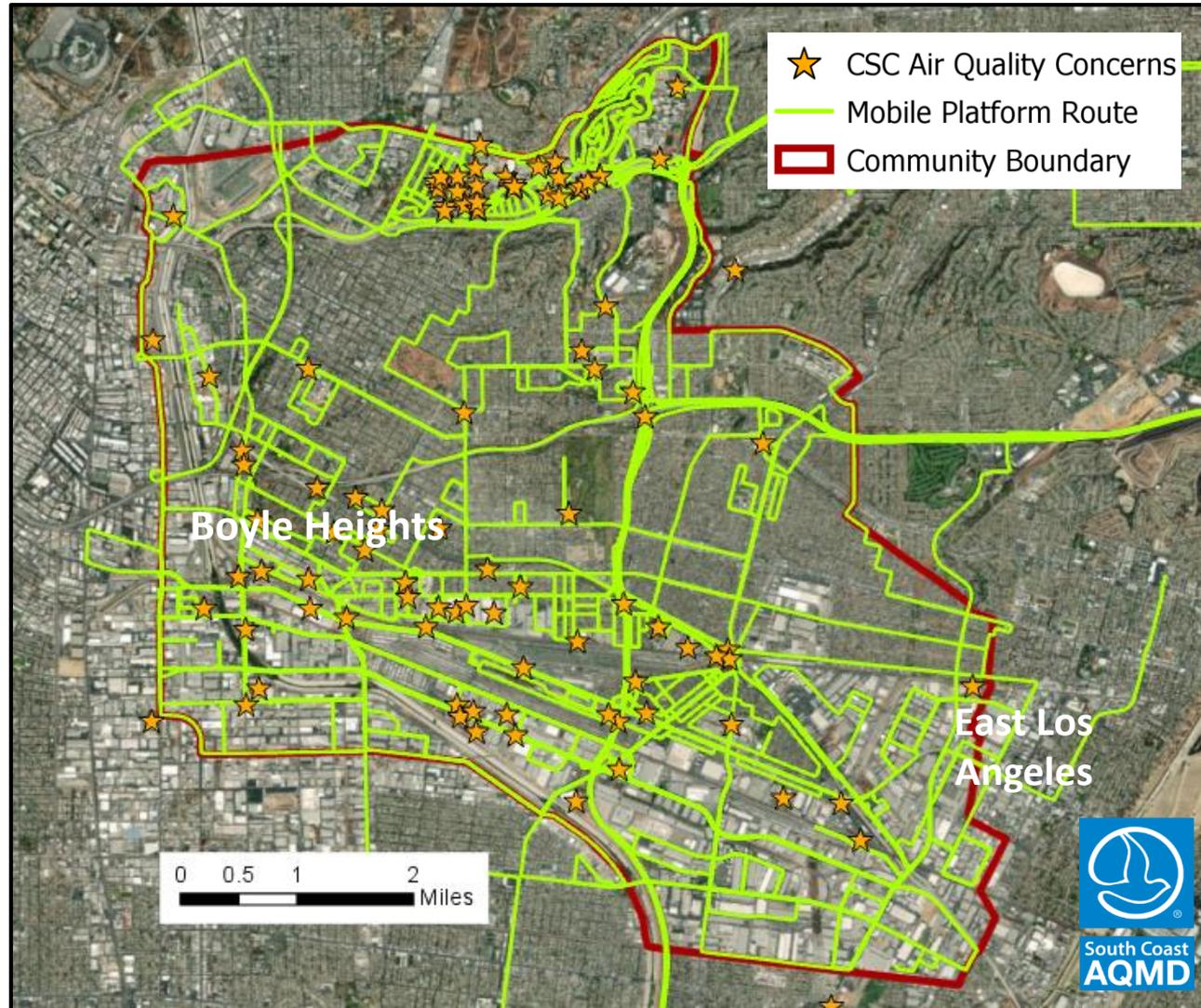
<http://www.aqmd.gov/nav/about/initiatives/community-efforts/environmental-justice/ab617-134/ab-617-community-air-monitoring>

Data Display Tool:

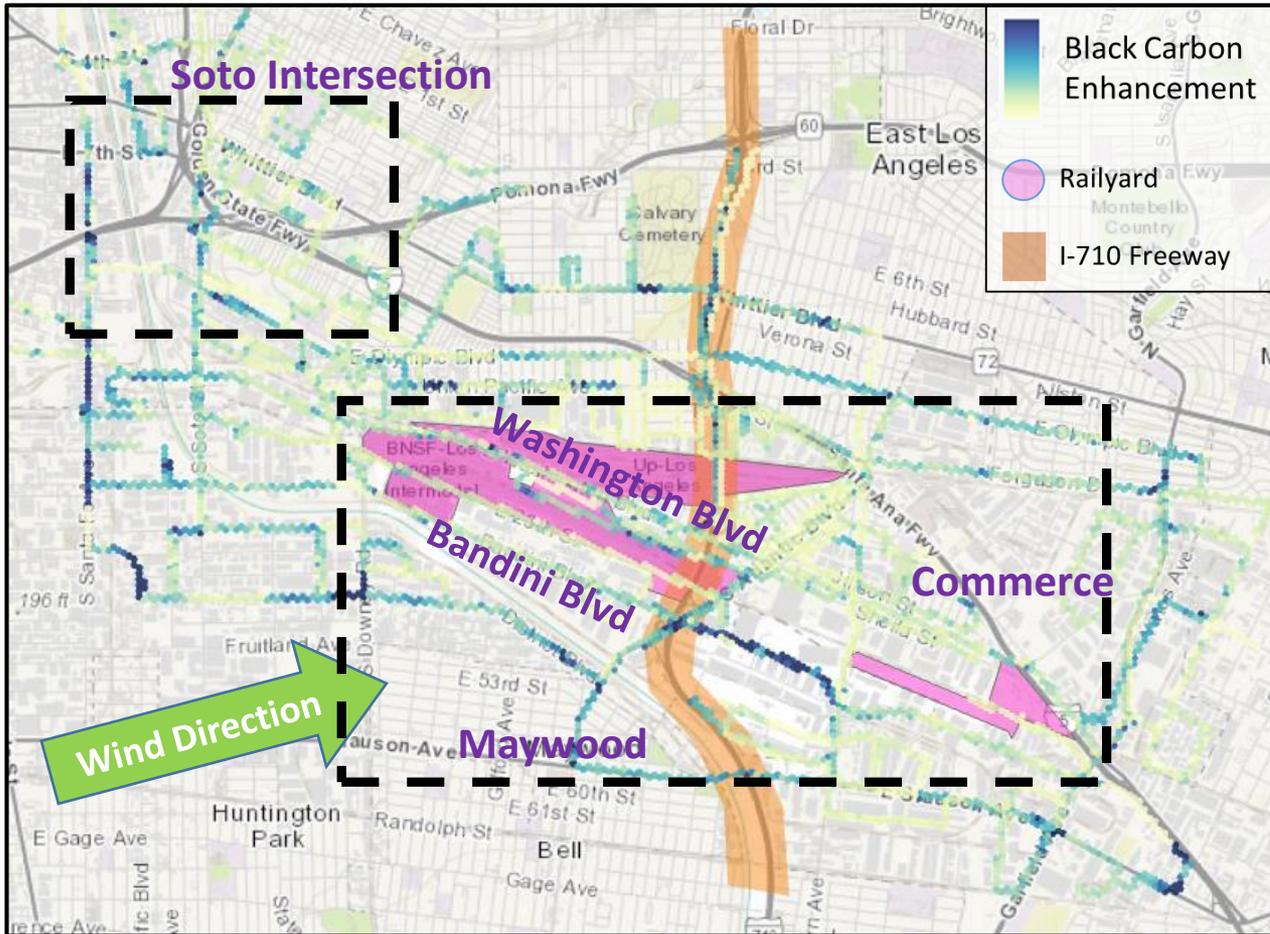
<http://xappprod.aqmd.gov/AB617CommunityAirMonitoring/Home/Index>

AB 617 Monitoring Update: Mobile Monitoring

- 14 measurement days between 6/16/19 and 10/10/19
- Two mobile platforms were utilized
- All of CSC air quality concerns were surveyed
(data is being processed)



Mobile Monitoring



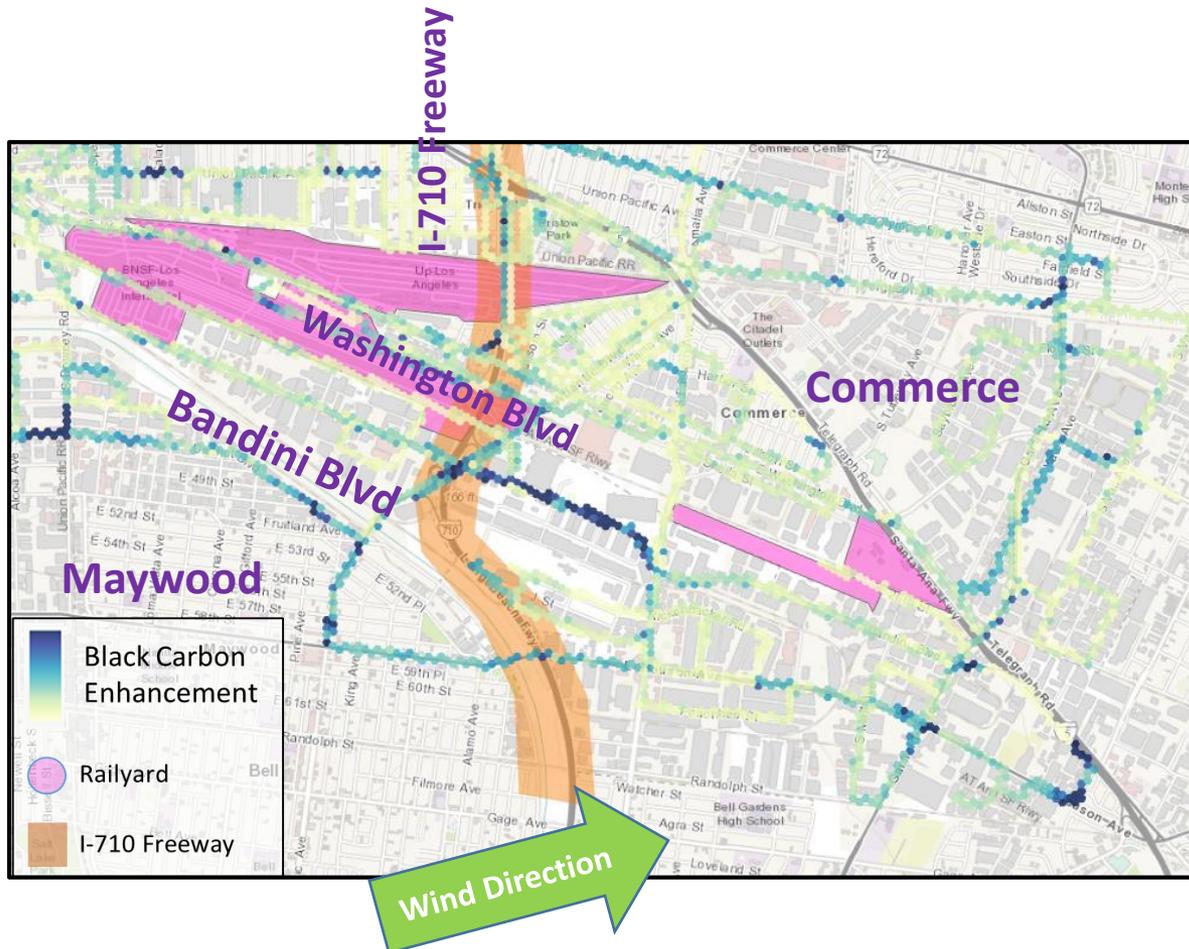
Monitoring Purpose:

- To assess the impact of railyard, transportation corridors, and busy roads with high diesel truck traffic on the community
- Determine potential locations for fixed monitoring

Mobile Platform #1
(South Coast AQMD)



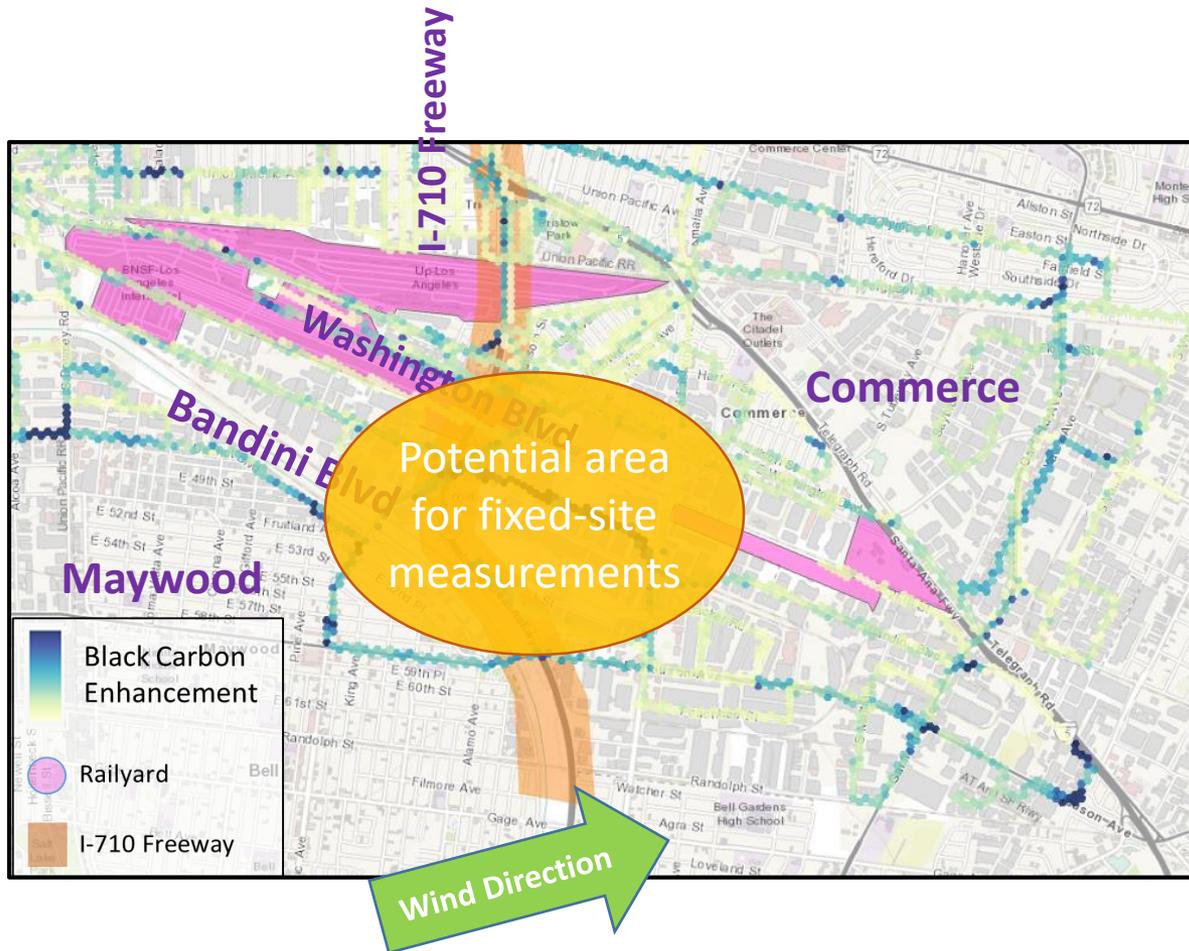
BNSF Railyard & Bandini/Washington Corridor



Observations:

- Elevated Black Carbon (BC) levels in Bandini/Washington corridor
- Other combustion-related pollutants (NO₂, UFP, and CO) show a similar spatial pattern
- Potential locations being surveyed for fixed monitoring

BNSF Railyard & Bandini/Washington Corridor



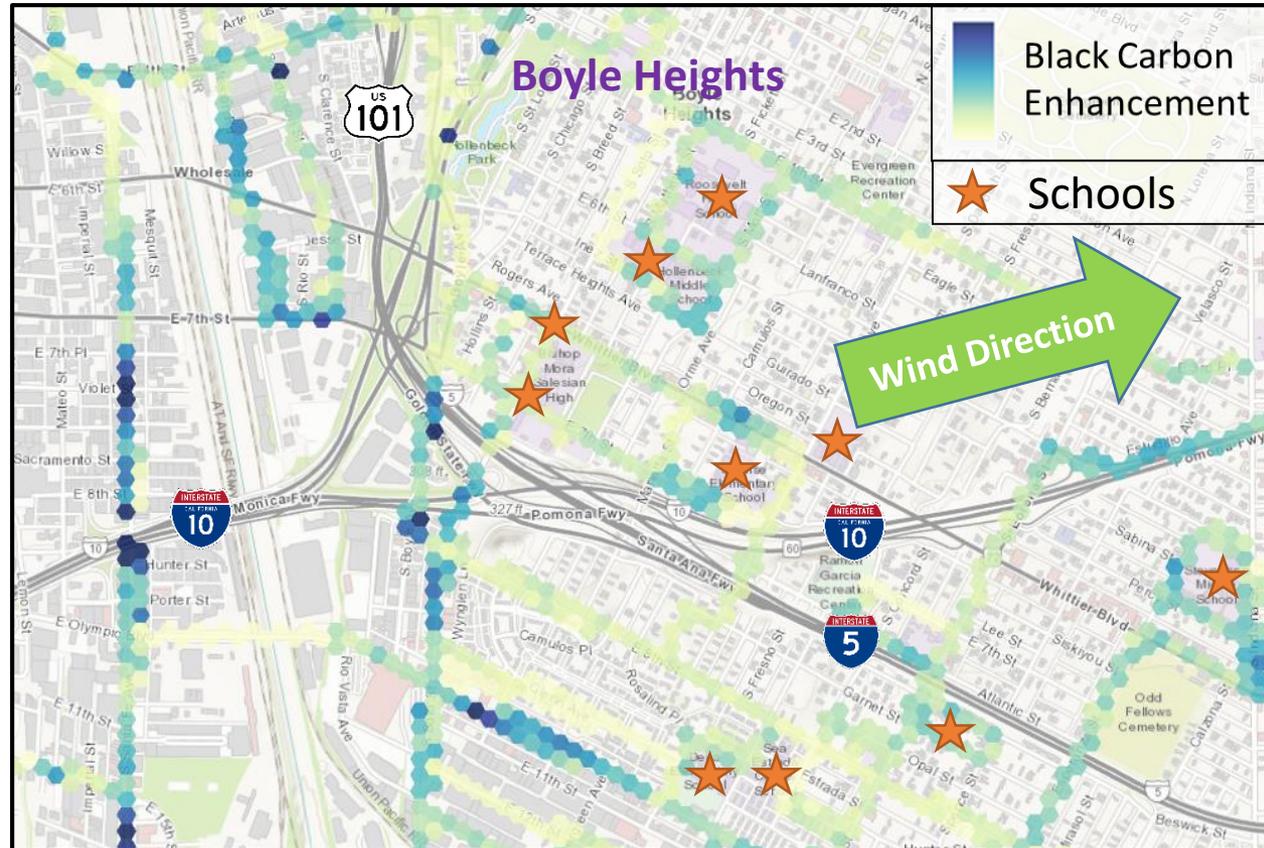
Observations:

- Elevated Black Carbon (BC) levels in Bandini/Washington corridor
- Other combustion-related pollutants (NO_2 , UFP, and CO) show a similar spatial pattern
- Potential locations being surveyed for fixed monitoring

Soto Intersection

Observations:

- Mobile monitoring was extended to cover the Soto Intersection for potential fixed monitoring
- Elevated BC levels near major intersections and freeway off-ramps
- Levels lower than those observed downwind of the railyard



Multi-Metal Monitoring

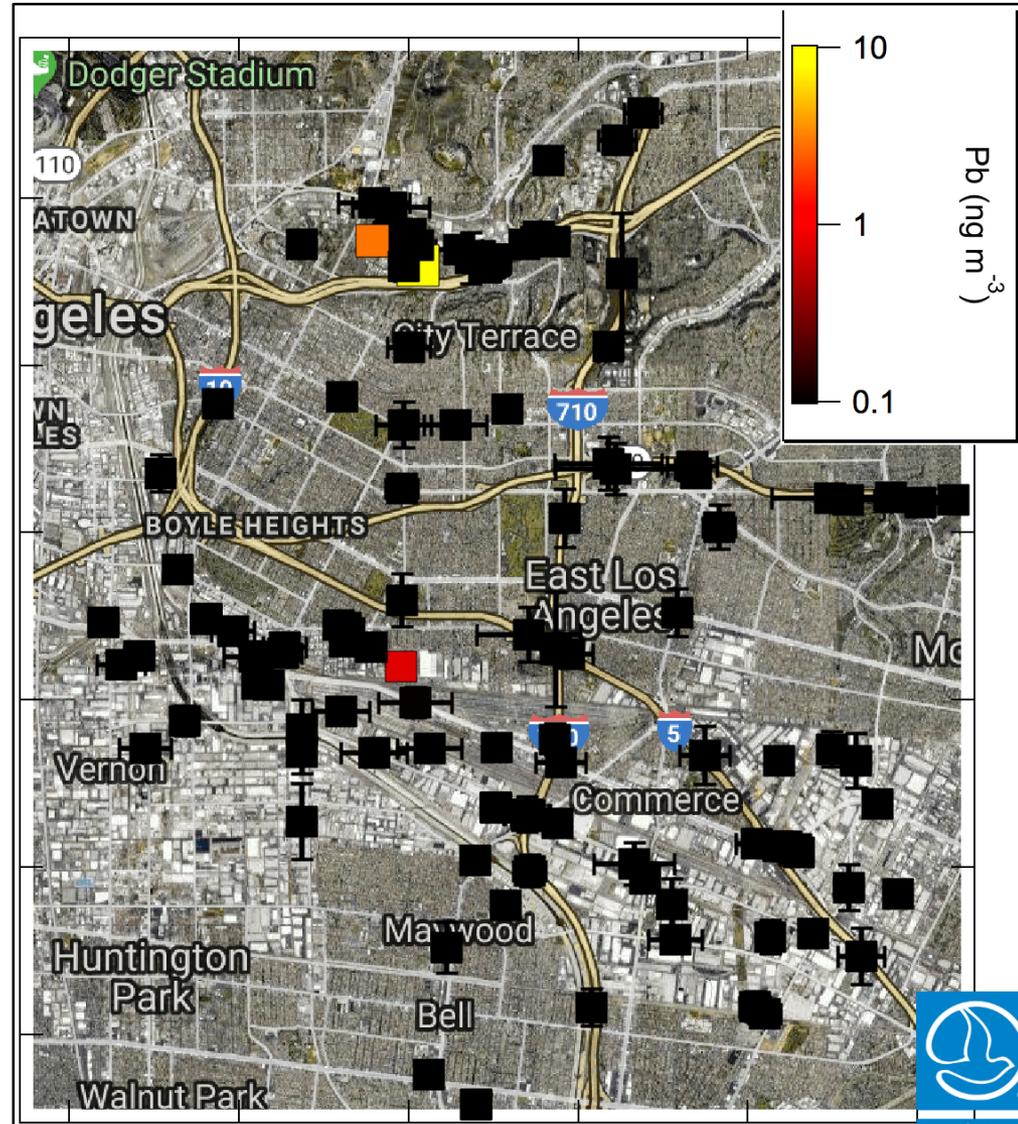
Monitoring Purpose:

To identify locations with elevated air pollution levels, and assess the potential air quality impact on the residential neighborhoods nearby

Aerodyne Mobile Laboratory (Contractor)



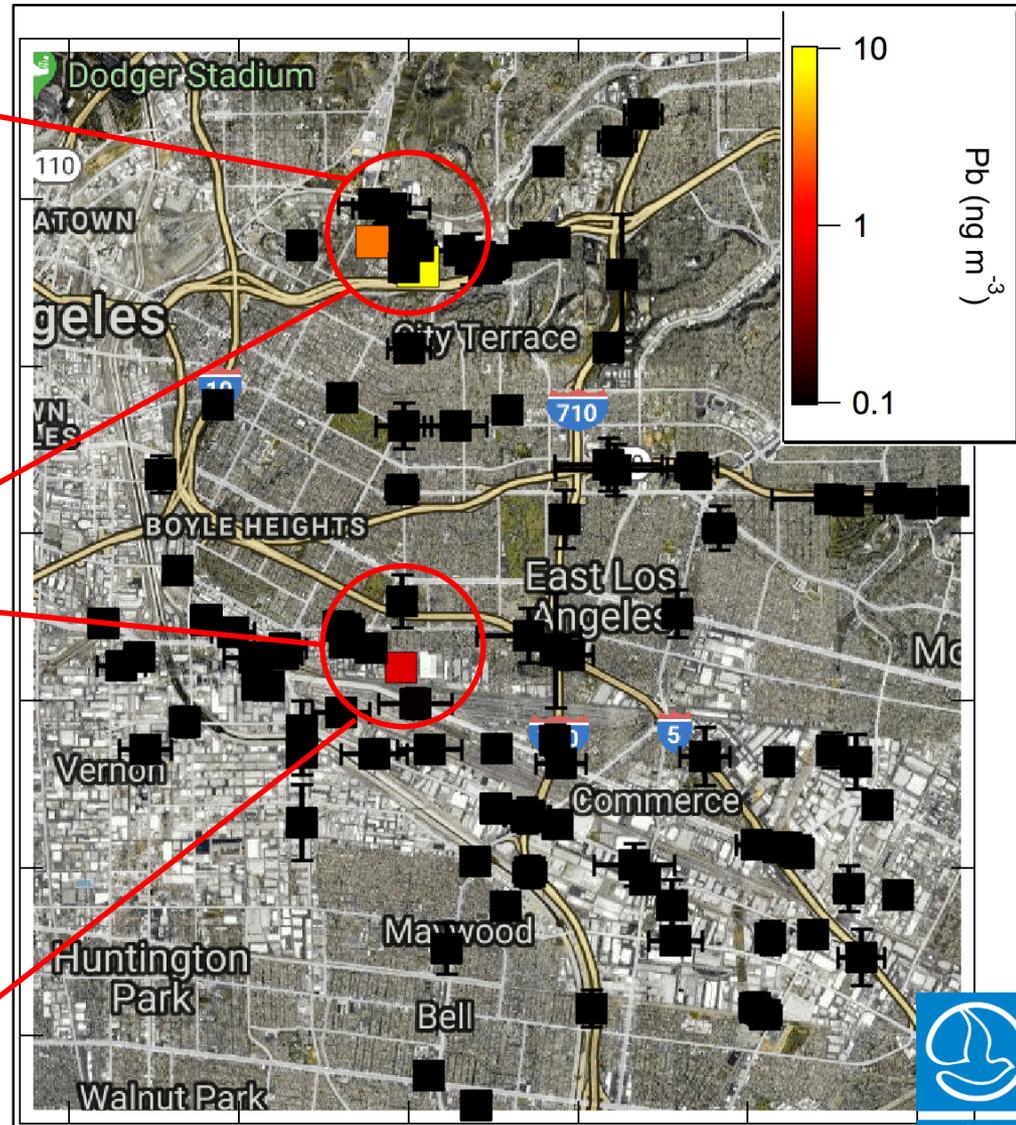
Ongoing Lead and Arsenic Monitoring:
<https://www.aqmd.gov/home/news-events/community-investigations/exide-updates>



*NAAQS Pb: 150 ng/m^3 based on 90 day average



Multi-Metal Monitoring



Ongoing Lead and Arsenic Monitoring:
<https://www.aqmd.gov/home/news-events/community-investigations/exide-updates>

*NAAQS Pb: 150 ng/m^3 based on 90 day average

Rendering Facilities

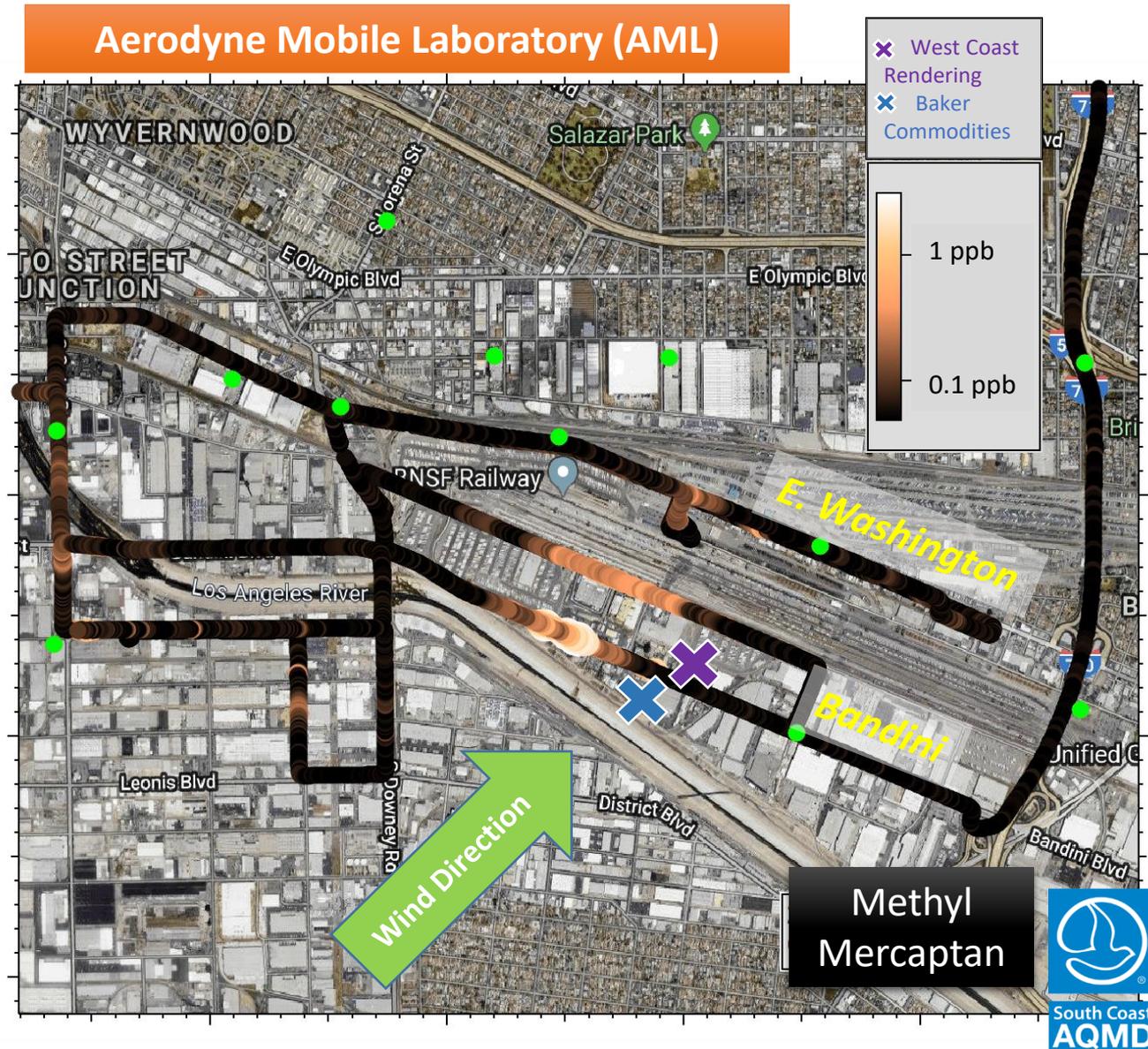
Purpose:

- To assess how emissions from rendering facilities may impact air quality in nearby communities

Observations:

- Methyl Mercaptan is an odorous compound that smells like rotten cabbage
- Levels near the facility were close to odor threshold

* Odor Threshold: 2 ppb





Questions & Discussion

Contact Info

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Payam Pakbin

Email: ppakbin@aqmd.gov

Office: **909-396-2122**

CERP Implementation

- CSC Meetings for CERP implementation will:
 - Be held **quarterly**
 - Include updates on enforcement, air monitoring, outreach, incentives, and rule development actions

Examples of Actions beginning in 2020



Prioritize locations for ALPR and PEAQS systems;
develop ALPR privacy policy



Develop list of relevant facility types for permit
cross-check and guideline development



Coordinate with local fire departments and develop
plan to inspect unpermitted auto body shops

Examples of Actions beginning in 2020 (continued)



Conduct training on best management practices at metal processing facilities



Work with school districts on installing high efficiency air filtration systems



Engage in outreach events to explain Rule 415 requirements and how to report complaints of rendering odors



Develop Indirect Source Rule (ISR) on railyards

Next Steps and Important Reminders

Future meeting date and location:

- Thursday, January 30, 2020 (6:00 p.m. – 8:30 p.m.) at Resurrection Church

Likely agenda items for next meeting:

- School prioritization for Air Filtration Systems
- Prioritization for ALPR and PEAQS systems
- Updates on:
 - City and County collaboration
 - Enforcement efforts
 - Incentive outreach
 - Air monitoring
 - Public outreach events

Important Dates and Deadlines

- Submit CSC Interest forms by November 1, 2019

**Thank you
for the hard work!**

**More information on AB 617:
www.aqmd.gov/AB617**

Email: AB617@aqmd.gov

Follow us @SouthCoastAQMD

