

AB 617 - SELA

COMMUNITY STEERING COMMITTEE
QUARTERLY MEETING #1 (2022)

VIRTUAL MEETING
JANUARY 20, 2022

Gina Triviso
Senior Public Affairs Specialist



SELA CSC 2022

Member Updates



AB 617 – 2022 COMMUNITY STEERING COMMITTEE SCHEDULE (SELA)

January 20, 2022	Community Steering Committee Meeting Virtual Meeting 4:00 – 6:00 pm	June 16, 2022	Community Steering Committee Meeting Virtual Meeting TBD
April 21, 2022	Community Steering Committee Meeting Virtual Meeting TBD	October 20, 2022	Community Steering Committee Meeting Virtual Meeting TBD

AB 617 TRUCK INCENTIVES WORKSHOP SERIES

- The goal of the AB 617 Truck Incentives Plan is to provide a community-based program that is customized to fit community needs.
- The plan aims to reduce harmful emissions and community exposure to toxic air contaminants such as diesel particulate emissions.
- To help develop the AB 617 Truck Incentives Plan, South Coast AQMD is requesting your feedback and input.

Date/Time	Topics
Wednesday, January 26th Workshop 2 of 3	<ul style="list-style-type: none">· Review survey responses· Review timeline
Wednesday, March 30th Workshop 3 of 3	<ul style="list-style-type: none">· Finalize draft for ARB review/approval

ADDITIONAL RESOURCES

<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134>

<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/southeast-los-angeles>

The screenshot shows a web browser window with the URL <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134>. The page features a sidebar on the left with a list of community areas: AB 617, AB 617 Community Air Monitoring, Community Identification & Prioritization, Wilmington/West Long Beach/Carson, San Bernardino/Muscoy, East Los Angeles/Boyle Heights/West Commerce, Eastern Coachella Valley, South Los Angeles, Southeast Los Angeles, Technical Advisory Group, and Community Air Protection Program (CAPP) Incentives. The main content area includes a heading "The South Coast Air Quality Management District is conducting extensive community-based efforts that focus on improving air quality and public health in environmental justice communities." Below this is a filter section with "Filter: Upcoming Events" and "Sort by Date: Oldest -> Newest". A search bar with a "GO" button is present. The "Upcoming Events" section lists a meeting on 01/20/2022 at 4:00 PM for the AB 617 Community Steering Committee Meeting - Southeast Los Angeles (SELA) - January 20, 2022. It provides a Zoom Meeting Link: <https://scaqmd.zoom.us/j/96254183011>, Meeting ID: 962 5418 3011, and a "Read More" button. A "LOCATION: Remote Meeting" and "RESOURCES" section with various links for agendas and flyers is also visible.

The screenshot shows a web browser window with the URL <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/southeast-los-angeles>. The page is titled "AB 617 - 2019-Designated Communities" and "Southeast Los Angeles (SELA)". It features a map of the area. Below the map, there are sections for "Interactive Maps" (including a Story Map), "Informational Handouts" (including Acronyms & Abbreviations, Air Quality Priorities, Rendering Facilities and Rule 415, and SELA Vehicle Registration by Model Year), and "Community Emissions Reduction Plan (CERP)". The CERP section explains that the plan provides a blueprint for achieving air pollution emission and exposure reductions to address the community's highest air quality priorities. A "Final CERP (PDF) - Adopted December 4, 2020" link is provided at the bottom.

COMMUNITY LIAISON

Southeast Los Angeles (SELA)

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General AB 617 inquiries:

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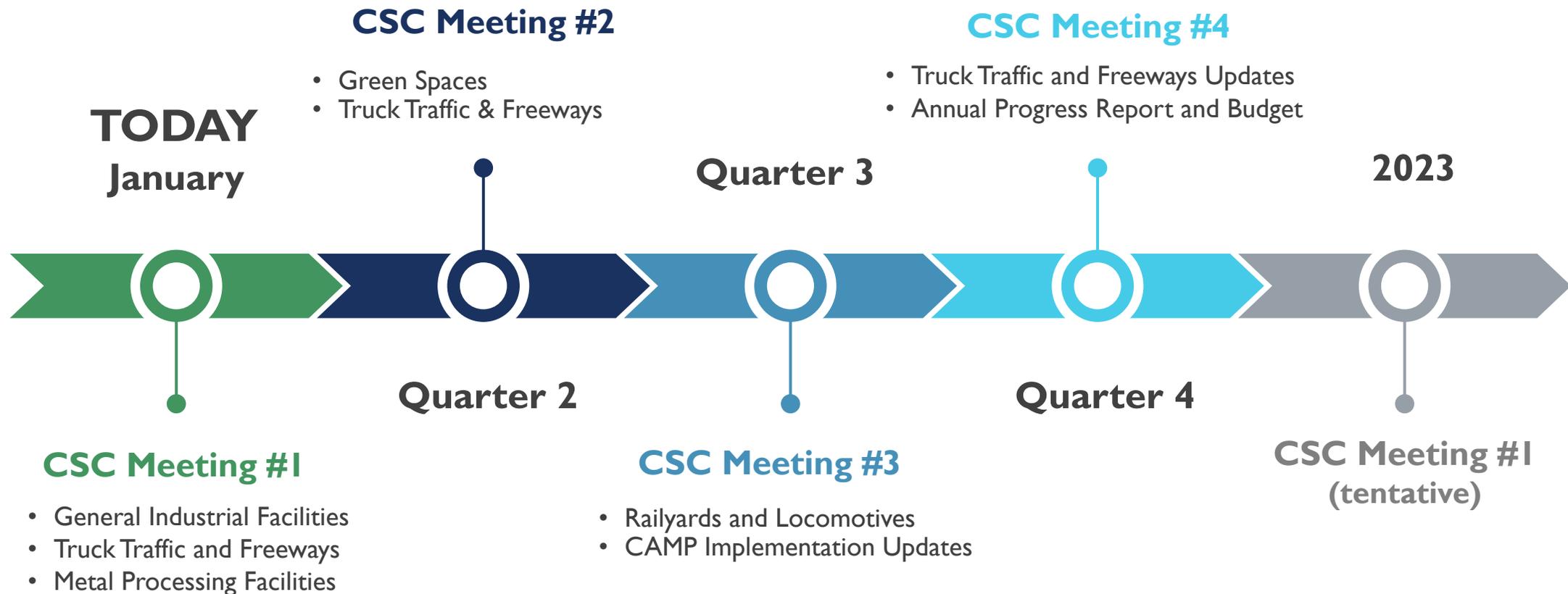
CERP IMPLEMENTATION: 2022

SELA CSC QUARTERLY MEETING #1
JANUARY 20, 2022



Dianne Sanchez, Ph.D. - Air Quality Specialist

TENTATIVE 2022 SELA CSC MEETING TIMELINE



GENERAL INDUSTRIAL FACILITIES

CERP IMPLEMENTATION UPDATES



CERP IMPLEMENTATION – GENERAL INDUSTRIAL FACILITIES



- Chapter 5g, Action B
 - CSC asked for more air quality information about general industrial facilities in the community to help develop emission reduction measures
 - Action B commits South Coast AQMD staff to providing the CSC information about industrial facilities of concern (e.g., *compliance history, applicable rules*) to help identify potential emissions and exposure reduction measures

GENERAL INDUSTRIAL FACILITIES – ACTION B PROGRESS



MARCH '21

Identify top 3 facilities of concern

- Worksheets sent to CSC members
- 5 CSC members responded

APRIL '21

Present list of top facilities

- Final list presented to CSC members
- 11 facilities or locations identified by the CSC

JUNE '21

Present facility information

- Staff presentation on facilities, including:
 - Operational activities
 - Applicable rules
 - Compliance information
- Discuss remaining general industrial facility concerns

Today

Present list of measures

- List of additional General Industrial Facility implementation measures presented to CSC
- Discuss list of measures

i

Make referrals to the appropriate agencies when issues are found during inspections that fall outside of South Coast AQMD's jurisdiction (e.g., Local land use agencies, Cal-OSHA, and Public Health departments)

ii

Collaborate with local land use agencies (e.g., Los Angeles County, Green Zones Program) to explore the possibility of requiring signage around industrial usages with information on how to submit air quality complaints by phone by calling 1-800-CUT-SMOG or online by visiting www.aqmd.gov

iii

Conduct community outreach on FIND tool including training on how to use the FIND tool to search for information about South Coast AQMD-regulated facilities (e.g., facility details, equipment, permits, compliance history, etc.)

iv

Conduct outreach and training on filing air quality complaints by phone, web, or mobile application to the community (e.g., schools, community centers)

The South Coast AQMD Complaint Reporting System

Presented by Victor Yip
Assistant Deputy Executive Officer





REPORTING AIR QUALITY ISSUES





COMPLAINT REPORTING SYSTEM

- Report the problem to **1-800-CUT-SMOG (1-800-288-7664)**
at the time the issue is occurring
- South Coast AQMD accepts air quality complaint calls 24 hours a day, 7 days a week.
- All complainant information remains confidential.
- Complaints can be made anonymously, but in these cases, inspectors cannot contact the complainant for additional details or to advise them of investigation findings.



ELECTRONIC COMPLAINT REPORTING SYSTEM

<http://www.aqmd.gov/home/air-quality/complaints>

[South Coast AQMD Mobile Application](#)

South Coast Air Quality Management District Complaint Reporting System

Welcome to the South Coast Air Quality Management District's On-line Complaint Reporting System. Air Quality complaints can also be reported by calling 1(800)CUT-SMOG or 1(800)288-7664.

Your Information [About Your Privacy](#)

Fields marked with * are required, others are optional.

Phone : * Email : *

First Name : Last Name :

Street Name :

City : Zip :

Remember Me (Be sure to uncheck this box if you are using a public computer so that other users cannot view your information)

Complaint Details

Please describe in detail the air quality problem you've experienced. It's important to let AQMD know the date and time when you first detected the problem, and if the problem is continuing when you report it.

Complaint Type : *

Description : * [Help](#)

Date detected : * Time Detected :

Business Name (if known):

Street Name / Cross Street : *

City : * Zip :

Attach a picture or video to this complaint : [Browse...](#)
(Supported formats include jpg, mov, and avi.) [Help](#)

Download on the **App Store** Get it on **Google Play**

APPLICATION FEATURES

Detailed Monitor Data **Real-time Localized Air Quality Information** **Connect with South Coast AQMD**



COMPLAINTS REPORTED VIA PHONE

- During business hours (7:00 a.m. – 5:30 p.m., Tuesday through Friday) your call is answered by an attendant.
- Messages received during off-hours are routed to a standby supervisor who reviews the complaint and assigns to inspectors, as required.



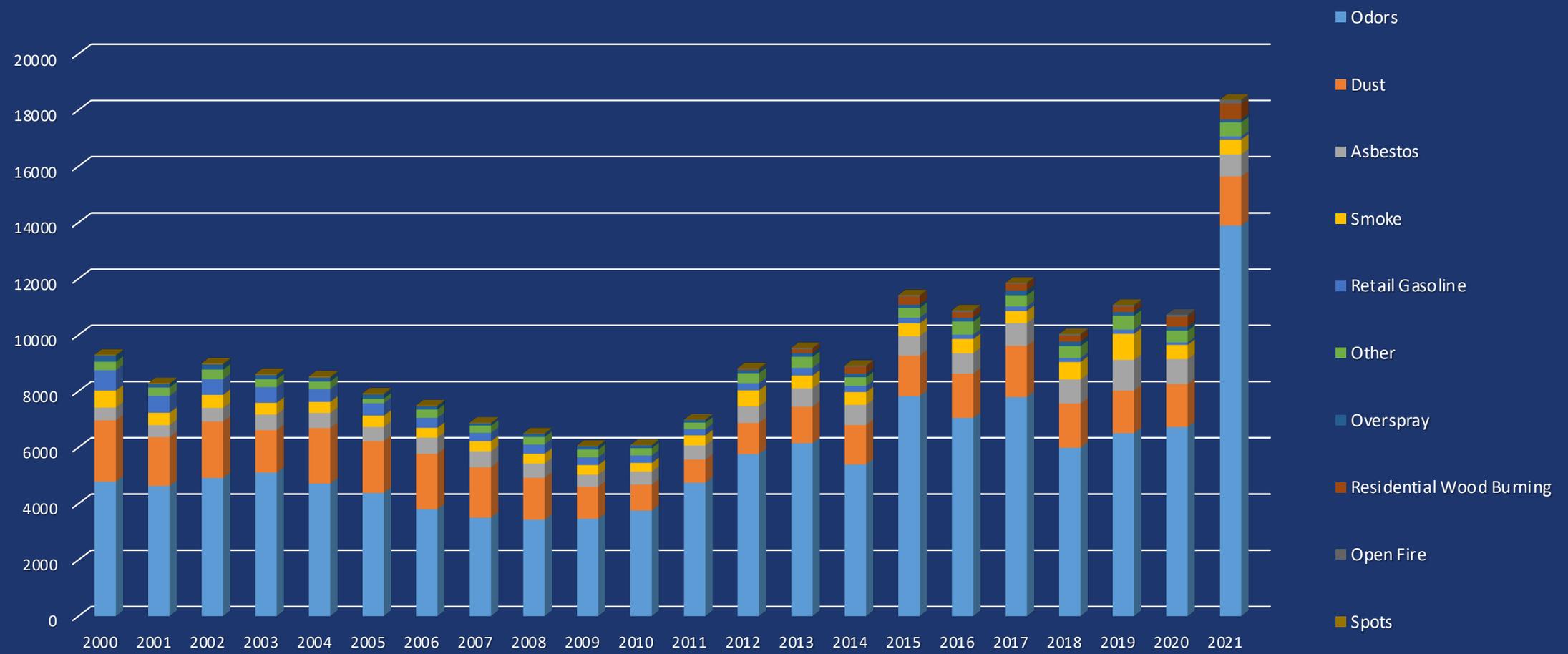
COMPLAINT TYPES

- Asbestos
- Dust
- Gasoline Dispensing
- Odors
- Open Burning
- Paint Overspray
- Residential Wood Burning
- Smoke
- Truck Idling
- Other





AIR QUALITY COMPLAINTS RECEIVED ACROSS SOUTH COAST AQMD



2020 through 2021



EXAMPLE OF COMPLAINTS





COMPLAINT RESPONSE PROCESS

BUSINESS HOURS:
(TUESDAY TO FRIDAY 7:00 AM TO 5:30 PM)



CALL 1-800-CUT-SMOG



COMPLAINT RESPONSE PROCESS

OFF HOURS:



CALL 1-800-CUT-SMOG



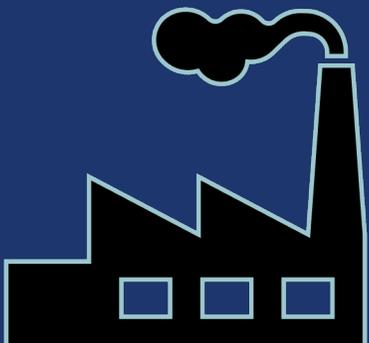
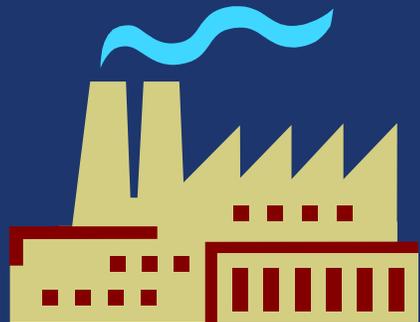
COMPLAINT INVESTIGATION

- Discussion with the complainant to obtain additional information
- Surveillance of the alleged source
- If source is unknown, investigate any potential sources
- If a source is confirmed, conduct an on-site inspection
- Enforcement action as necessary (Notice to Comply and/or Notice of Violation)
- Follow-up with complainant on results of investigation



ODOR COMPLAINTS

The Challenge of Confirming an Odor Nuisance



Wind:

- Blowing downwind from facility toward complainant





PUBLIC NUISANCE

(Adopted May 7, 1976)

RULE 402. NUISANCE

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

The provisions of this rule shall not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

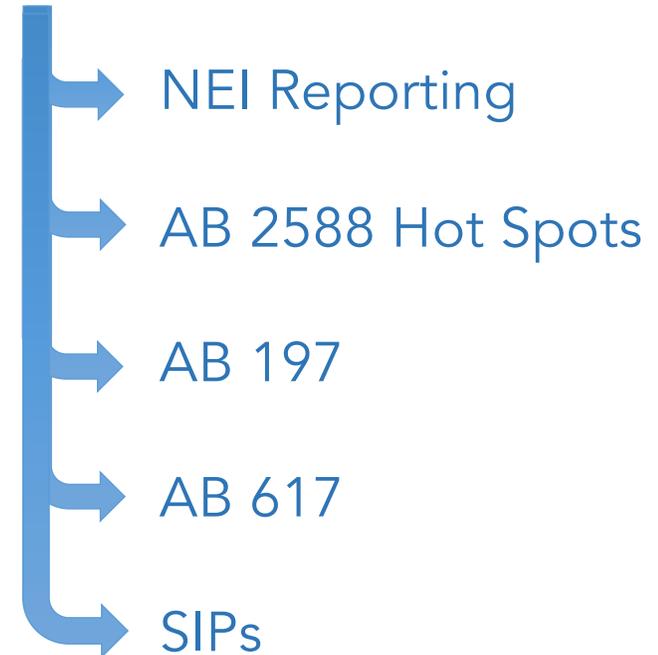


QUESTIONS?

- Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (CTR):
 - Annual emissions reporting for criteria air pollutants and toxic air contaminants from specified, permitted California facilities, phased-in over time
- Establishes uniform data reporting requirements

Single emissions report

Supports multiple programs:



CTR Does:

- Requires annual reporting of criteria pollutants and toxics from specified, permitted facilities, but requirements are phased in over several years
- Increases the list of toxics that need to be reported, if emitted (aligns with Hot Spots list)

CTR Does Not:

- Does not collect comprehensive, statewide data in the short term (phased in over 7 years)
- Does not establish emission reduction or mitigation requirements

For April SELA Community Meeting:

- Will provide a more detailed summary of CTR regulation
- Will provide some additional information on permitted facilities and emissions within SELA community
- Will provide more detailed summary of CTR effects on SELA Community evaluation and planning

AIR QUALITY PRIORITY – TRUCK TRAFFIC AND FREEWAYS

CERP IMPLEMENTATION UPDATES



CERP IMPLEMENTATION – TRUCK TRAFFIC AND FREEWAYS



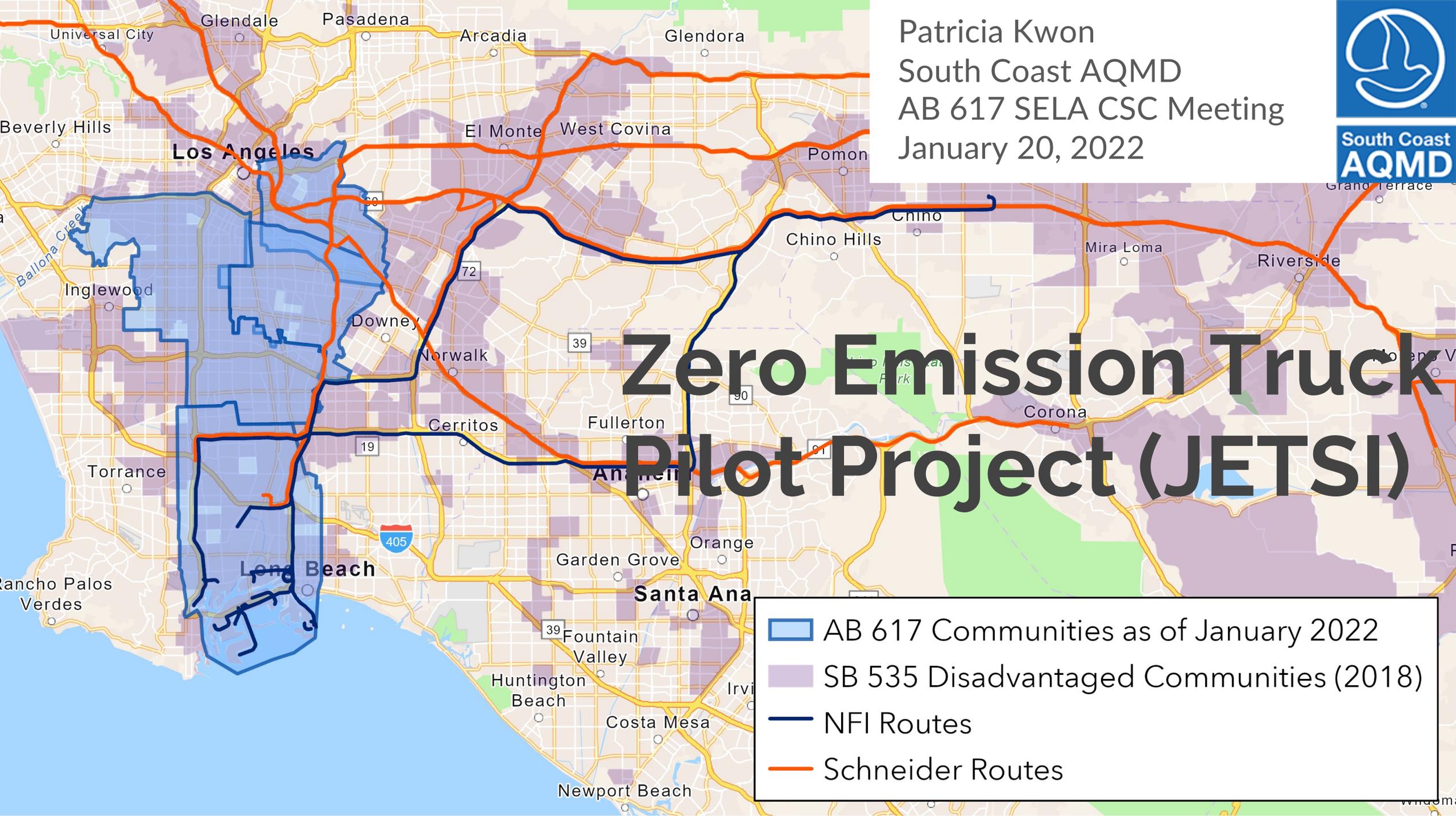
- Chapter 5b, Action K
 - CSC asked to reduce exposure to heavy-truck emissions by incentivizing the replacement of older more polluting trucks with zero-emission trucks
 - Action K commits South Coast AQMD to encourage deployment of zero emission trucks in the community



Patricia Kwon
South Coast AQMD
AB 617 SELA CSC Meeting
January 20, 2022



Zero Emission Truck Pilot Project (JETSI)



-  AB 617 Communities as of January 2022
-  SB 535 Disadvantaged Communities (2018)
-  NFI Routes
-  Schneider Routes

Project Overview

South Coast AQMD awarded \$27M from CARB and CEC to deploy 100 battery electric trucks

- 50 trucks per fleet (Ontario, South El Monte)
- Heavily utilize I-710 freight corridor
- Located and operate in disadvantaged communities
- Drayage & regional short haul
- Leverage past & current demonstrations

	NFI	Schneider
Duty Cycle	Drayage	Drayage & Regional Haul
Number of Trucks	50*	50*
Number of Chargers	38	16
Solar	1 MW	
Battery Storage	5 MWh	
Truck Deployment	10 in Q3 2022 40 in Q1 2023	10 in Q4 2022 40 in Q2 2023
Fleet Location	Ontario	South El Monte

*Volvo and Daimler Class 8 battery electric trucks are CARB and EPA certified

Project Benefits

- Feasibility of large truck deployments
- Understand fleet needs
- Develop fleet tools
- Technology improvements in electric range and fast charging
- Equity and scale priorities in disadvantaged communities



5 Weighted Tons

of criteria pollutants will be avoided each year by displacing diesel



8,200 Metric Tons

of greenhouse gas emissions (GHGs) will be reduced each year



5.5 Million DGEs

of diesel fuel will be displaced over the eight-year project



239 Long-Term Jobs

sustained, including drivers and service technicians



\$16.8+ Million

in regional economic activity as result of site construction

Project Funding

	Amount	Percent
CARB	\$16.0M	24%
CEC	\$11.0M	16%
NFI	\$9.5M	14%
Schneider/DTNA	\$8.7M	13%
MSRC	\$8.0M	12%
South Coast AQMD	\$5.4M	8%
SCE	\$5.0M	7%
POLA	\$1.5M	2%
POLB	\$1.5M	2%
Project Total	\$66.6M	100%



Project Partner Roles

- Daimler/Volvo: Trucks
- Black & Veatch, Electrify Commercial, Power Electronics: chargers
- Ricardo: Truck data collection
- CALSTART: Charger data collection
- EPRI: Fleet uptime dashboard
- UCR CE-CERT: Truck eco-routing
- GPCI: project implementation assistance
- LACI: Zero emission vehicle workforce plan
- CCA: Community outreach
- Rio Hondo & San Bernardino Valley College: Truck education and training

DAIMLER



Timeline

CALIFORNIA JOINT ELECTRIC TRUCK SCALING INITIATIVE



Trucks

Chargers
Solar

Data Collection

Community Outreach

Stakeholder Outreach

Final Report

Truck Eco-Routing

Workforce

Charger Pricing

Plan

Charger Performance

Fleet Case Studies

Fleet Uptime Dashboard

Media & Communications

2021

2022

2023

2024

2025

Next Steps

- Execute contracts
- Develop data collection plans on trucks, chargers
- Update truck and charger deployment at fleets
- Stakeholder and community outreach plans
- Workforce training between colleges, fleets, OEM partners
- Outline and metrics for zero emission vehicle workforce plan

AIR QUALITY PRIORITY – METAL PROCESSING FACILITIES

CERP IMPLEMENTATION UPDATES



CERP IMPLEMENTATION – METAL PROCESSING FACILITIES



- Chapter 5e, Action I
 - CSC asked staff to explore development of a system for schools and sensitive receptors on public nuisances caused by metals facilities, including dust, noise, and odors
 - Action I commits South Coast AQMD to explore the development of notifications, for schools and sensitive receptors

UPDATE

CHAPTER 5E: METAL PROCESSING FACILITIES
CONTROL ACTION I

Exploring E-Mail Notifications

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CAMP IMPLEMENTATION UPDATE

PAYAM PAKBIN, Ph.D.
PROGRAM SUPERVISOR

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CAMP IMPLEMENTATION UPDATE



South Coast AQMD is in the process of establishing a monitoring station in Huntington Park

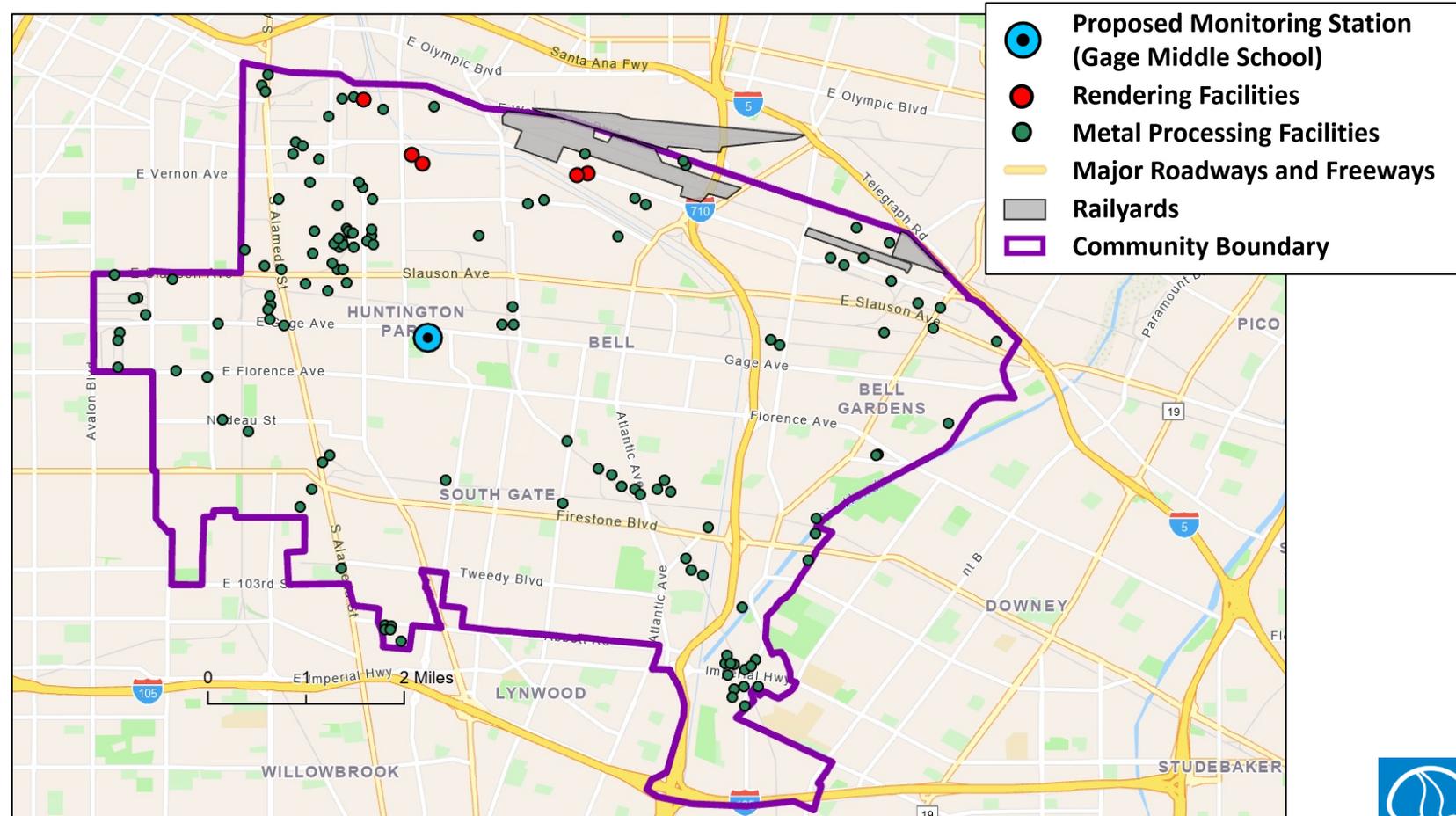


Targeted mobile monitoring surveys are being conducted in the community

HUNTINGTON PARK MONITORING STATION

- Will provide real-time measurements of:
 - Black carbon (BC)
 - Nitrogen dioxide (NO₂)
 - Air toxic metals (e.g., lead, arsenic, etc.)

Purpose: to provide real-time air quality data in the community and evaluate the trend of certain pollutants over the CERP/CAMP implementation period



CERP COMMITMENTS

TRUCKS AND FREEWAYS & RAILYARDS AND LOCOMOTIVES

- Chapter 5b, Action I

Conduct air monitoring along the Alameda corridor and in the community to support implementation of truck emission reduction strategies; track concentration trends of key truck emission indicators; and assess community exposure



- Chapter 5f, Action A

Conduct air monitoring around railyards and in the surrounding community to assess how railyard related emissions may contribute to the overall air pollution burden in SELA

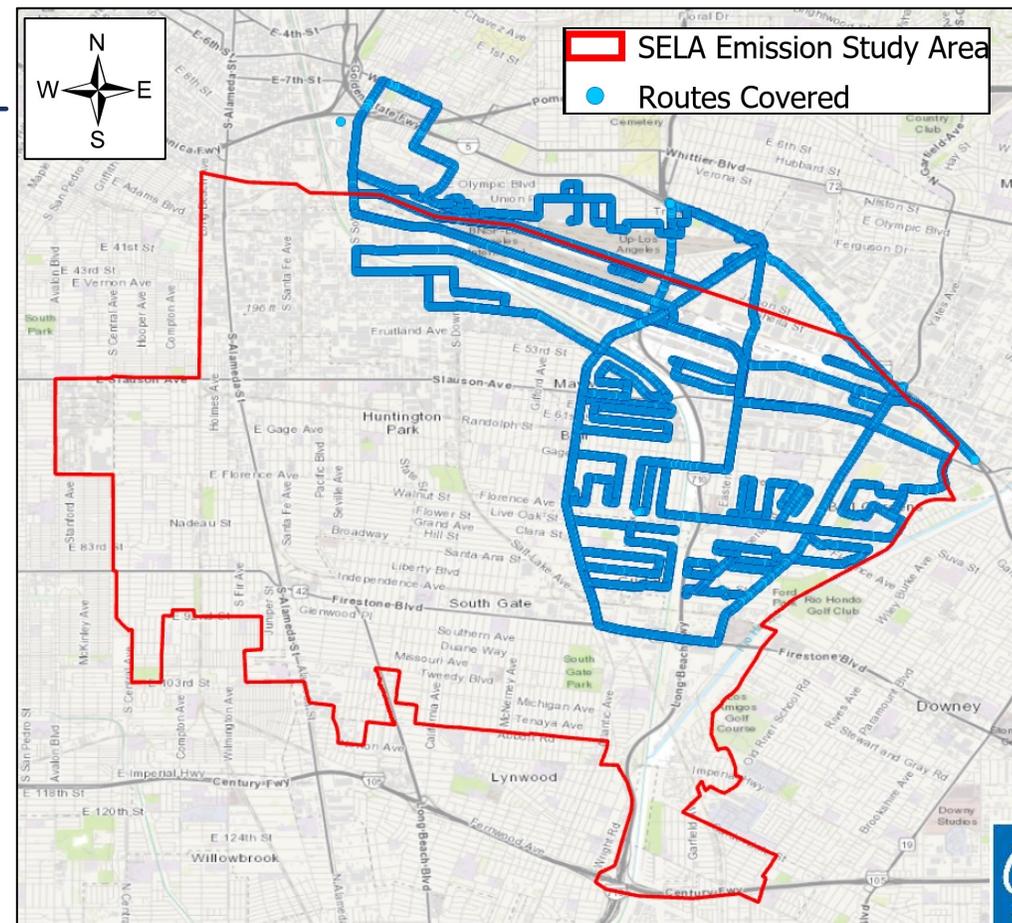


MOBILE MEASUREMENTS OF DIESEL EXHAUST TRACERS

Purpose How Air Monitoring Can Help

- Identify areas with high air pollution levels
- Help assess community impact

This mobile platform can measure pollutants associated with diesel exhaust emissions (PM_{2.5}, NO₂, black carbon)



CERP COMMITMENTS

RENDERING FACILITIES & GENERAL INDUSTRIAL SOURCES

- Chapter 5e, Action E

Conduct monitoring for VOCs and odorous compounds near each rendering facility to better characterize emissions and community impact



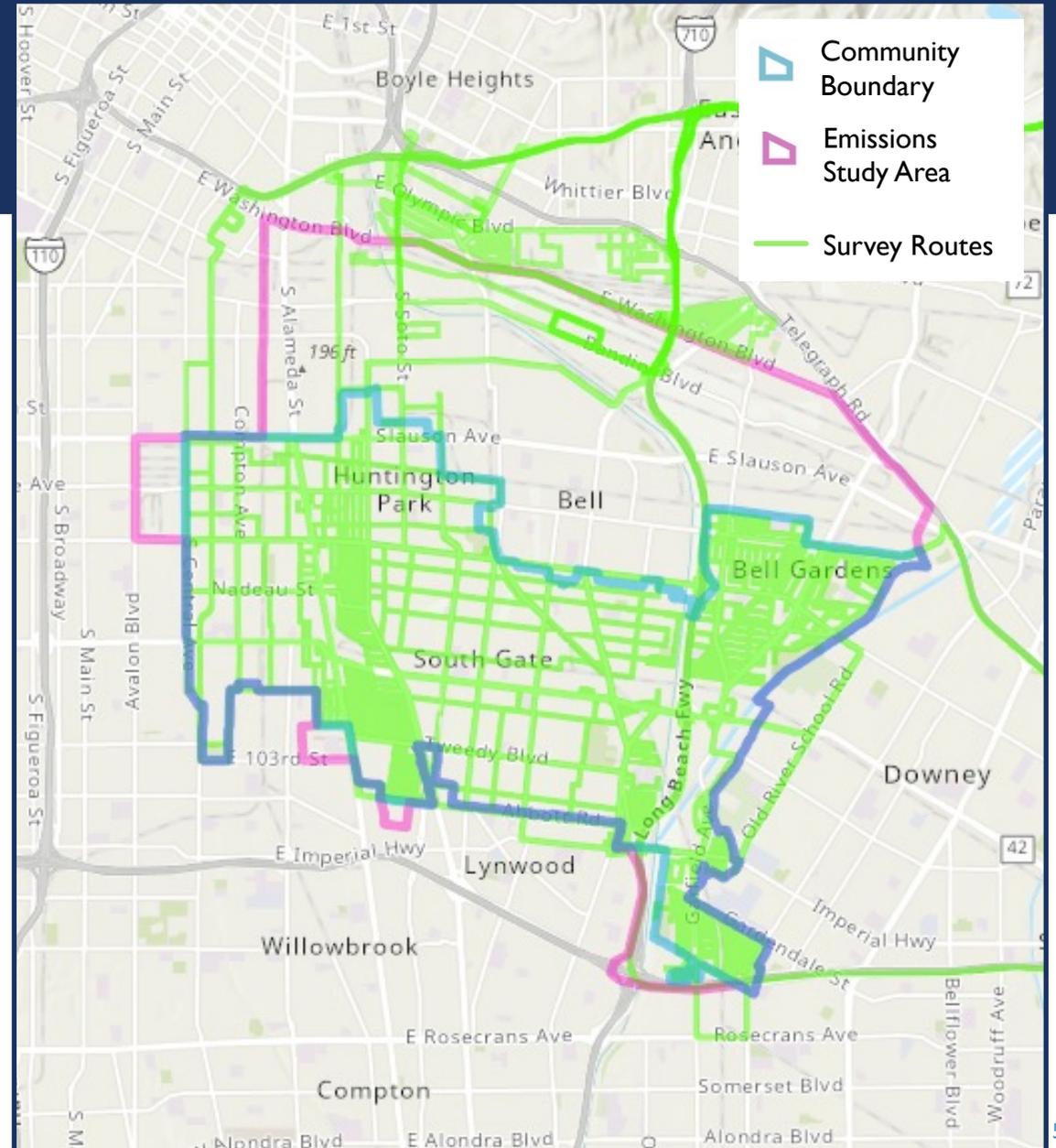
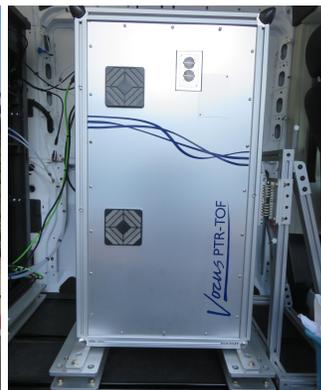
- Chapter 5g, Action C

Work with the CSC to identify/prioritize general industrial emission sources and conduct air monitoring, where feasible



MOBILE MEASUREMENTS OF TRACE ORGANICS

- **Platform completed in late 2020**
 - Measures hundreds of VOCs at very low levels
 - 15 surveys in/near SELA in 2021
- **Surveys focused on areas near:**
 - Rendering Facilities
 - Industrial Facilities
- **Analysis is ongoing to:**
 - Characterize VOC signals
 - Identify any unique tracers
 - Understand impact on local community



CERP COMMITMENTS

METAL PROCESSING FACILITIES

- Chapter 5e, Action E

Conduct air monitoring to help identify elevated levels of air toxic metals and support efforts to identify potential sources of emissions



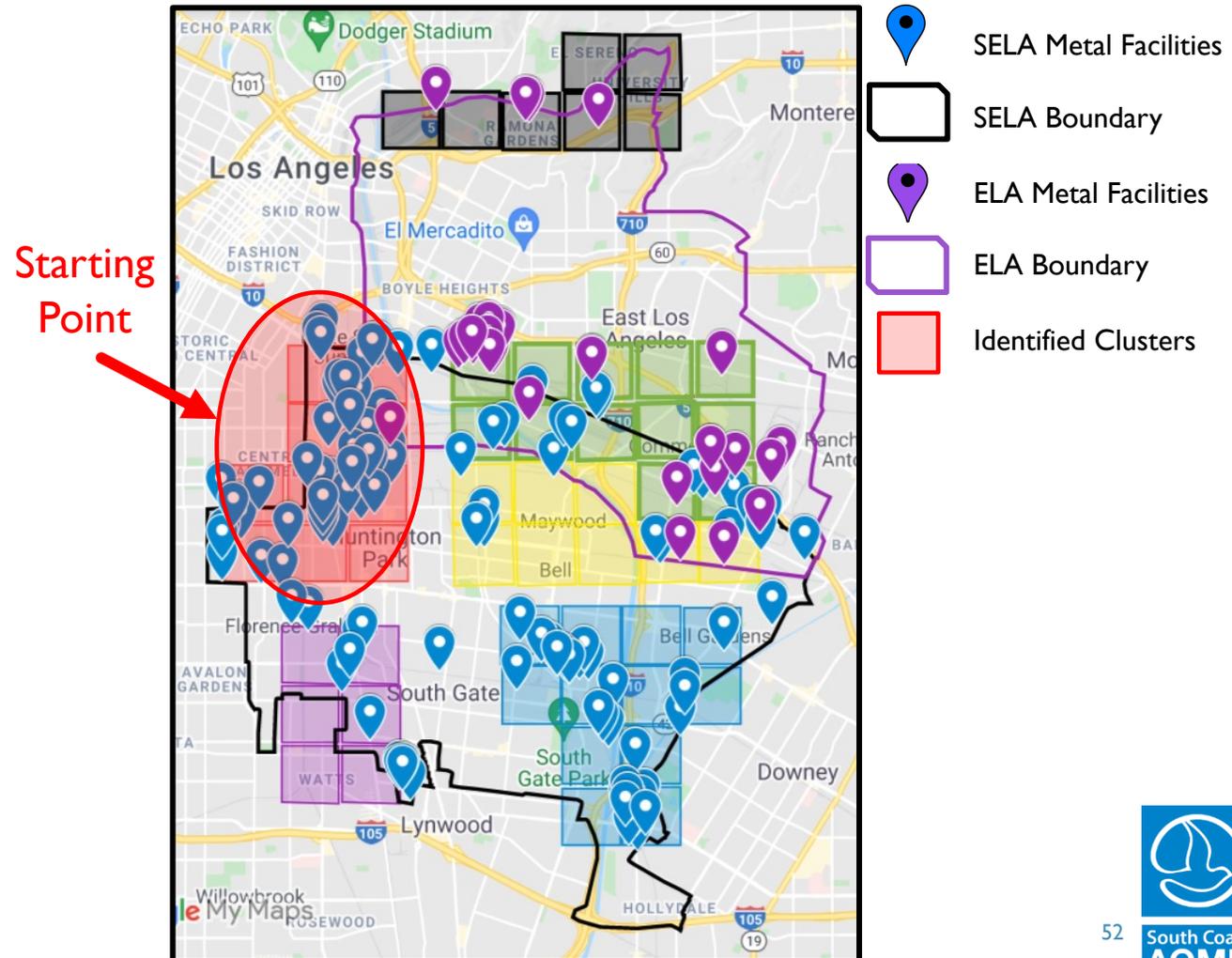
MOBILE MONITORING MEASUREMENTS OF AIR TOXIC METALS

Monitoring Approach:

- Targeted measurements within the identified clusters of metal processing facilities
- Roughly 10 to 20 days of monitoring in each cluster

Prioritization Criteria:

1. Density of metal processing facilities
2. Existence of major streets and freeways
3. Proximity to residential areas



MOBILE MONITORING MEASUREMENTS OF AIR TOXIC METALS

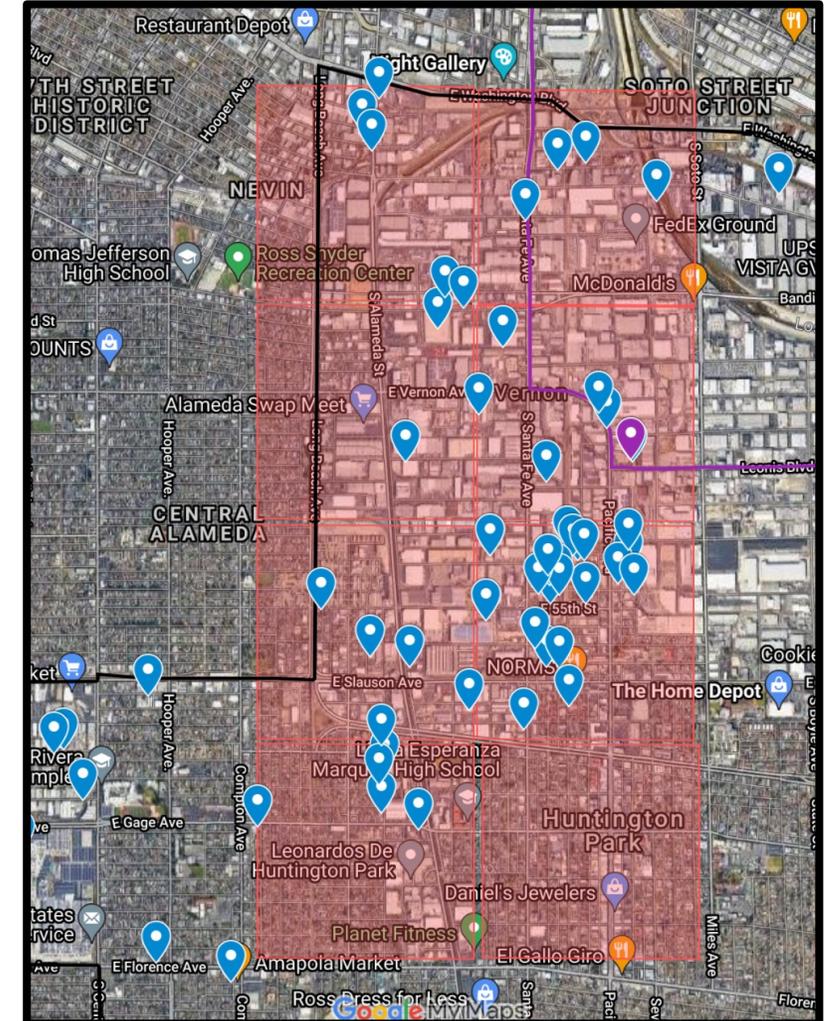
Cluster #1:

- Number of survey days performed: **8** (as of January 2022)
- Target: **15-16** survey days total
- Timeline for completion: end of February 2022

Next Steps:

- Expansion of monitoring to the other clusters
- Monitoring Schedule: weekly surveys for a full year

This mobile platform can measure air toxic metals such as arsenic, lead, nickel, etc.



WHERE TO ACCESS UPDATES AND MONITORING DATA

SELA monitoring webpage provides access to real-time air quality data, CAMP documents, and future air monitoring progress reports: <http://www.aqmd.gov/ab617/monitoring/sela>

During this difficult time, South Coast AQMD is committed to protecting air quality and public health. Please visit our COVID-19 page for the operational updates and latest information. [Learn more.](#)

Language ▾ E.I.N.D. ▾ About ▾ Contact ▾ Grants & Bids ▾ Online Services ▾ I'm Looking For ▾ Sign Up ▾ Search

South Coast AQMD

AIR QUALITY INCENTIVES & PROGRAMS RULES & COMPLIANCE PERMITS NEWS, WEBCASTS, & CALENDAR TECHNOLOGY ADVANCEMENT RESOURCES MEETING AGENDAS & MINUTES

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Southeast Los Angeles Community

This page is dedicated to the Southeast Los Angeles community data platform for near real-time measurements, the Community Air Monitoring Plan (CAMP) for this community, and data summaries and reports.

Air Monitoring Data Display

- [Southeast Los Angeles Community](#)

Community Air Monitoring Plan (CAMP)

The main purpose of this Community Air Monitoring Plan (CAMP) is to summarize the proposed air monitoring activities for addressing the major air quality concerns identified by the Community Steering Committee (CSC) in Eastern Coachella Valley (ECV) community and provide information supporting the Community Emission Reduction Plan (CERP). South Coast AQMD is seeking input from the CSC and members of the public to revise and improve the CAMP.

- [CAMP \(PDF\)](#)
- [Quality Assurance Project Plan \(PDF\)](#)

YOU MAY ALSO LIKE ...

December 2011

CEQA comment letters written by SCAQMD in December 2011

Clean Communities Plan

The 2010 Clean Communities Plan is an update to the 2000 Air Toxics Control Plan and focuses on reducing cumulative exposure to air toxics.

Boyle Heights Pilot Study Working Group

Boyle Heights Pilot Study Working Group - member list and meetings

Clean Communities Plan

Clean Communities Plan

54 **South Coast AQMD**

DISCUSSION

- Comments, Questions, Concerns?

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