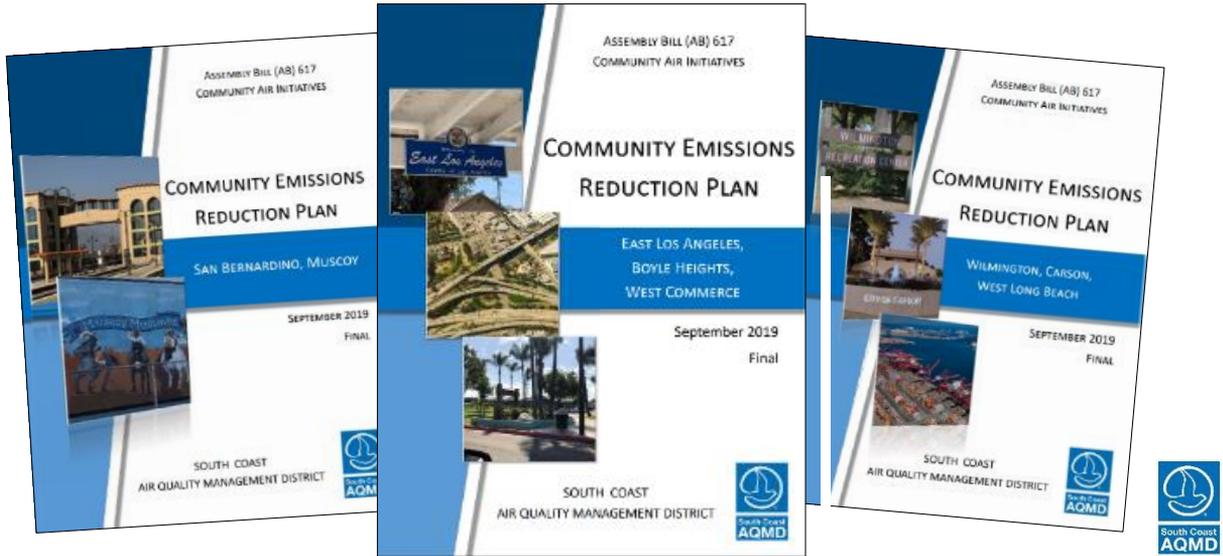


CARB BOARD MEETING RECAP



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CARB BOARD MEETING RECAP

Meeting materials and information for Sept 10th CARB Board Meeting available here:
<https://ww2.arb.ca.gov/board-meeting-dates>

- 

CARB Board held meeting on ELABHWC CERP on September 10th
- 

South Coast AQMD summarized CERP strategies, actions, and projected emission reductions
- 

CSC members Carina Sanchez and Rafael Yanez provided testimony while members of the public provided verbal and written comments
- 

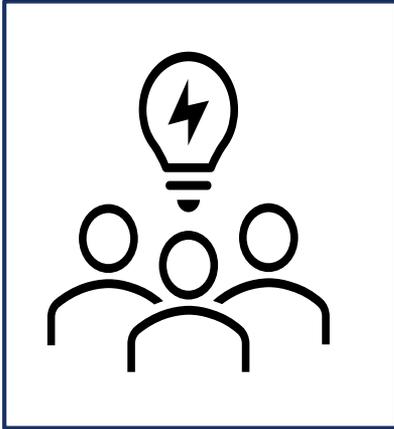
CARB Board approved CERP unanimously



2

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ADDITIONAL KEY CARB COMMITMENTS FOR ELABHWC CERP



- CARB committed to supporting a one-week ALPR pilot study using a mobile ALPR measurement station in the ELABHWC community and collaborating with South Coast AQMD staff to develop PEAQS-style system
- CARB committed to working with South Couth AQMD to provide ongoing reports to CSC on collaboration with other agencies for designating truck routes and parking away from sensitive receptors.



3

AB 617 Incentives Strategy - PLACEHOLDER

Vicki White
Technology Implementation Manager



4

CERP & CAMP IMPLEMENTATION

UPDATE – 4TH QUARTER 2020

East Los Angeles, Boyle Heights, West Commerce
December 8, 2020

NISH KRISHNAMURTHY, PH.D.
AIR QUALITY SPECIALIST

ASSEMBLY BILL (AB) 617
COMMUNITY AIR INITIATIVES

COMMUNITY EMISSIONS REDUCTION PLAN

EAST LOS ANGELES,
BOYLE HEIGHTS,
WEST COMMERCE

September 2019
Final

SOUTH COAST
AIR QUALITY MANAGEMENT DISTRICT



5

CERP AND CAMP IMPLEMENTATION



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AGENDA



- CARB Board Approval of CERP
- Incentives Strategy Update
- CERP Updates:
 - Boyle Heights Neighborhood Council Meeting Recap
 - ALPR Worksheet Results
 - Current Activities
 - Enforcement Update
- CAMP Implementation Update
- Exide Update



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BOYLE HEIGHTS NEIGHBORHOOD COUNCIL TRANSPORTATION & ENVIRONMENTAL COMMITTEE (BHNC TEC) MEETING PRESENTATION RECAP



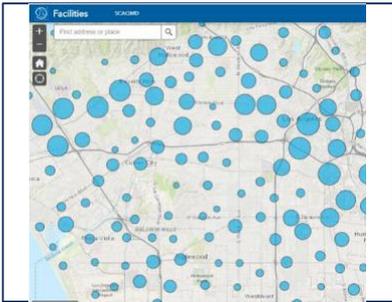
Boyle Heights

Neighborhood Council



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BHNC TEC MEETING RECAP

- South Coast AQMD presented at the BHNC TEC Meeting on October 23rd
- Staff presented on the following items:
 - Overview of the ELABHWC AB 617 program
 - How to file air quality complaints
 - Truck idling enforcement
 - Rendering facilities rules and compliance
 - Facility Information Detail (F.I.N.D.) web tool
 - Available to the public here: <https://www.aqmd.gov/nav/FIND>

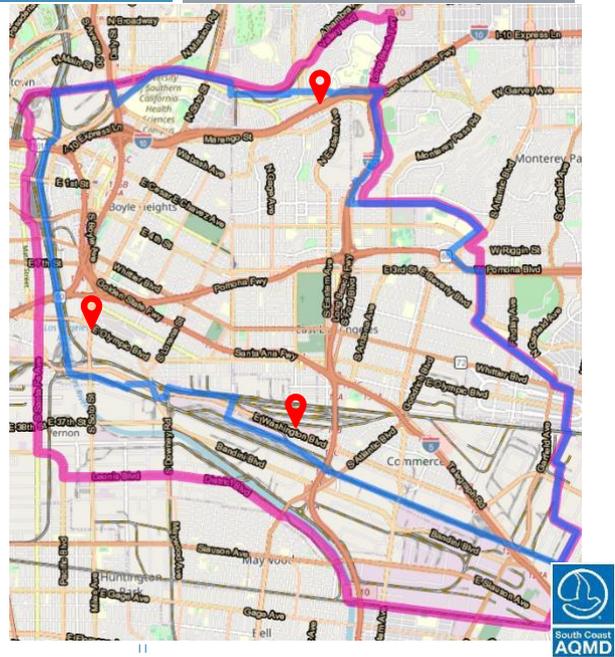


ALPR WORKSHEET RESULTS

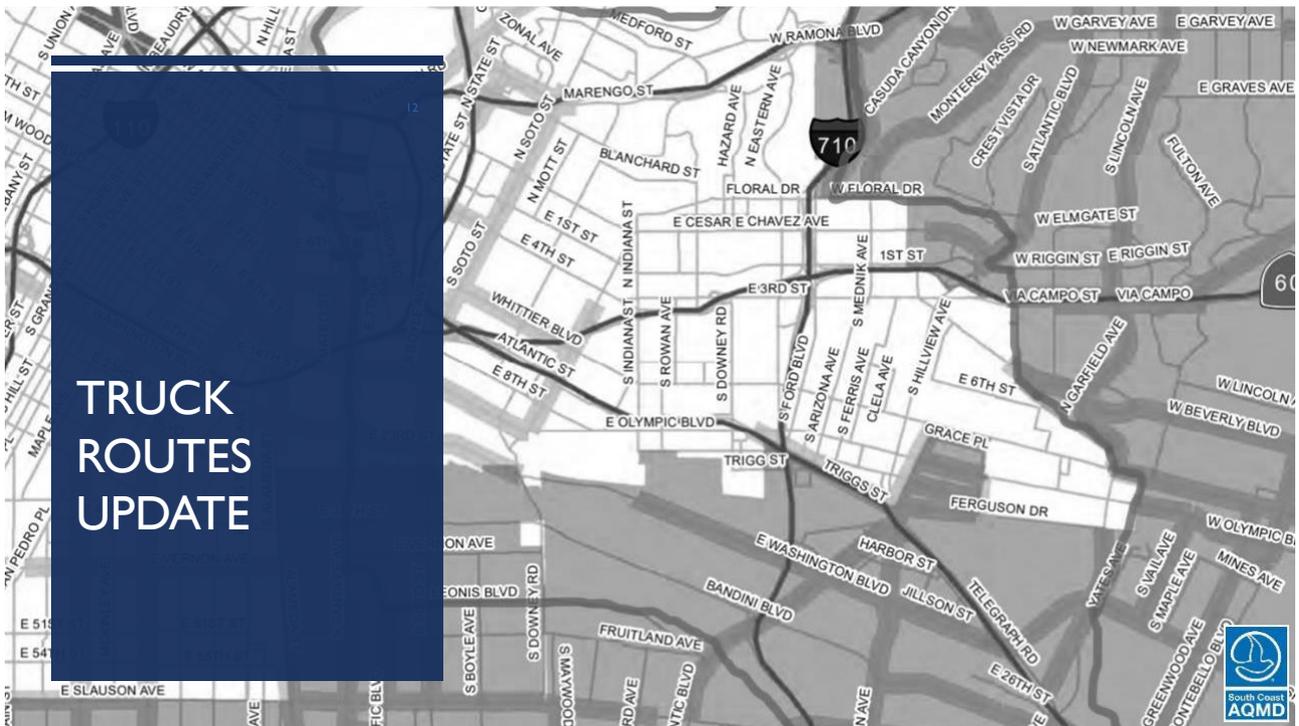


ALPR WORKSHEET SUMMARY

- Three worksheets submitted from CSC
- General areas prioritized for ALPR deployment:
 - Industrial areas along I-10 in City Terrace
 - Area slightly south of I-5 in Boyle Heights
 - Areas with elevated NO₂ levels in Boyle Heights and along East LA – Commerce boundary



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CERP COMMITMENT

■ Chapter 5b, Action 2

Work with the city or the county to evaluate potential designated truck routes and identify resources to enforce these routes



AQ Priority: Neighborhood and Freeway Traffic from Trucks and Automobiles



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TRUCK ROUTES UPDATE

Collaboration meeting between South Coast AQMD, LA County Department of Regional Planning, and Public Works on October 29th

Topics discussed:

- Enforcement of truck routes
- Considerations for designating new route
- Agencies responsible for identifying new routes
- Weight-limit restrictions for truck routes

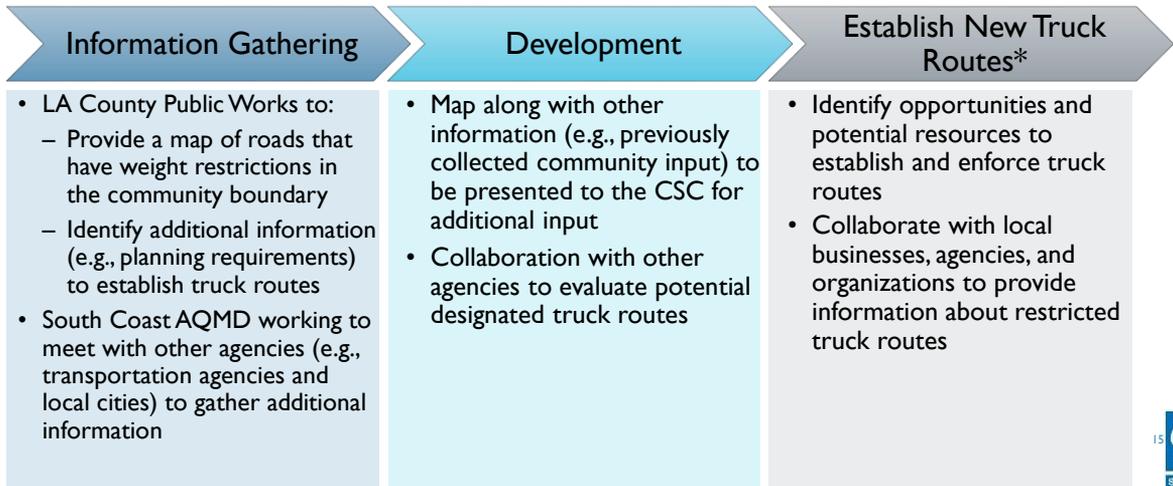
Outcome:

- Public Works to share map of existing truck routes to share with CSC
- South Coast to set up additional collaboration meeting(s) with this and other entities responsible for truck routes in Boyle Heights and Commerce



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TRUCK ROUTES UPDATE



*Truck routes are enforced by California Highway Patrol



PERMIT CROSS-CHECK UPDATE



CERP COMMITMENTS

■ Chapter 5h, Action 3

<p>Collaborate with city and county planning departments to conduct annual permit cross-checks for facilities in this community for, to ensure that any facility with a conditional use permit also has an air district permit, where required</p>	
<p>Work with city and county planning departments to develop a list of relevant facility types that would be included in the permit cross-check efforts</p>	

AQ Priority: General Concerns about Industrial Facilities, including Waste Transfer Stations



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PERMIT CROSS-CHECK UPDATE

Collaboration meeting between South Coast AQMD and LA County Department of Regional Planning met on November 12th



Topics discussed:

- How LA County issues permits
- South Coast provided an overview of City of Paramount toxic metal emissions investigation (industrial facility permit checks)
- Potential strategies in permit renewal process to implement cross-check (e.g., Industrial Use Task Force, Green Zones Program, etc.)



Both parties agreed that more information sharing and further discussion were needed.
Upcoming additional meeting(s) to collaborate on this action



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GREEN ZONES COMMENTS



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SOUTH COAST AQMD COMMENTS ON GREEN ZONES

1) Warehouse Uses

- Buffer requirements near sensitive receptors and establishing truck routes to reduce exposure to emissions
- Minimum use of zero or near-zero emission trucks and charging infrastructure
- Maximizing use of onsite solar energy and battery storage
- Use of Energy Star heating and cooling systems and appliances
- Use of electric landscaping equipment and electric/alternatively fueled sweepers with HEPA filters
- Signage requirements
- Landscaping requirements

2) Metal and Other Industrial Facilities

- Buffer recommendations for chrome-plating facilities from sensitive receptors
- Permit cross-check requirements with South Coast AQMD for renewal permit applications

3) Signage

- Signage to include South Coast AQMD contact information on where to submit air quality complaints

4) Damaged Pavement

- Paving repair requirements at solid and organic waste facilities to reduce odors



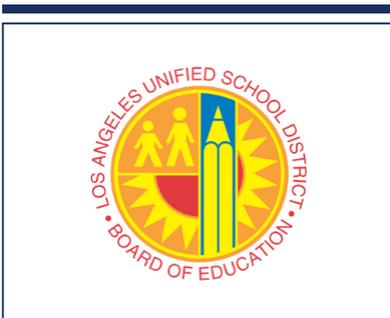
20



SCHOOL AIR FILTRATION SYSTEM FUNDING UPDATE



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SCHOOL AIR FILTRATION SYSTEM FUNDING UPDATE

The CSC ranked the criteria to prioritize schools for air filtration system funding in January 2020 at CSC Meeting #1

10 schools in the ELABHWC community were prioritized to receive funding based on this criteria

South Coast AQMD Governing Board approved up to \$6.3M be authorized to install school air filtration systems for all three AB 617 Year 1 communities

Installation to be completed by February 2022 and maintenance to continue until February 2027



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SCHOOL PRIORITIZATION ACTIVITY: LIST

These 10 schools have been prioritized for air filtration system installation

School	School Type
Excelencia Charter Academy	Elementary School
Arts in Action Community Charter and Arts in Action Community Middle School	Elementary and Middle School
Soto Head Start Preschool	Preschool
Endeavor College Preparatory Charter	Elementary School
Park Place Head Start	Preschool
Extera Public School No. 2	Elementary School
PUENTE Learning Center and PUENTE Charter	Preschool and Elementary School
Oscar De La Hoya Animo Charter High	High School
MAOF Child Care Center - Telegraph	Preschool
YMCA Montebello-Commerce Preschool and Rosewood Park Elementary	Preschool and Elementary School

***Installation at schools further down the list will be dependent on the availability of additional funding**

The entire prioritized list is provided in a separate handout available here:

<https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/east-la/school-prioritization-list.pdf?sfvrsn=8>



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DISCUSSION

Questions, Comments, Concerns?



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OFFICE OF COMPLIANCE & ENFORCEMENT



ELABHWC UPDATE

PAVAN RAMI

Staff Specialist

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INSPECTION TYPES

Two Types of Inspections

- Response-Based
 - Notifications from the regulated community
 - Public complaints
 - Referrals from government agencies
- Staff-Initiated
 - Equipment List Inspections
 - Targeted Rule Inspections
 - CERP commitments



Statistics included in this enforcement update focus on staff-initiated inspections

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GENERAL INDUSTRIAL

CERP Commitments: (1) Conduct unannounced inspections at waste transfer stations in the community; (2) Respond to odor complaints, conduct follow-up investigations and enforcement activities, where appropriate, and provide periodic updates to CSC

- 3 inspections at waste management facilities
- Responded to 11 complaints relating to these facilities



Waste Management



Landfills

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GENERAL INDUSTRIAL (CON'T)

In addition, 22 inspections were conducted at general industrial facilities, 2 of which resulted in enforcement action



Asphalt Batch Plants



Manufacturing



Textiles and Printing

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RENDERING IMPLEMENTATION

CERP commitments:

- Continue responding to odor complaints and update complainants on a timely basis
- Provide CSC with periodic summaries of findings, such as whether odors were confirmed and traced back to a specific site/source, and any enforcement actions taken



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RENDERING IMPLEMENTATION (CON'T)

Inspectors responded to 219 complaints, one of which resulted in a public nuisance violation

There were also 11 staff-initiated inspections at rendering facilities, which resulted in 10 enforcement actions



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METAL PROCESSING IMPLEMENTATION

CERP Commitment: After monitoring, determine if additional actions (e.g., focused enforcement or rule development) are needed to address any elevated levels identified

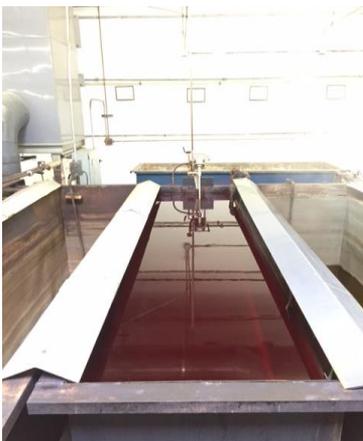


One follow-up investigation conducted between July 2019 and July 2020 to address elevated levels detected by monitoring. An update on that investigation was provided to the CSC in May 2020.

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METAL PROCESSING IMPLEMENTATION (CON'T)



In addition, inspectors conducted 27 staff-initiated inspections at metals processing facilities, 4 of which resulted in enforcement actions

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QUESTIONS?

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CAMP IMPLEMENTATION



UPDATE – 4TH QUARTER 2020

PAYAM PAKBIN, Ph.D. PROGRAM SUPERVISOR	SINA HASHEMINASSAB, Ph.D. AIR QUALITY SPECIALIST
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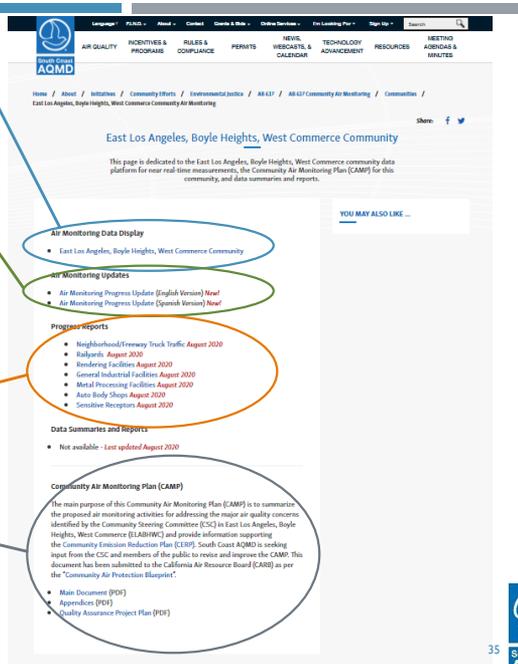
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AIR MONITORING RESULTS AND REPORTS

New tool is currently under development to provide an interactive dashboard for time-integrated laboratory data

Seeking CSC input

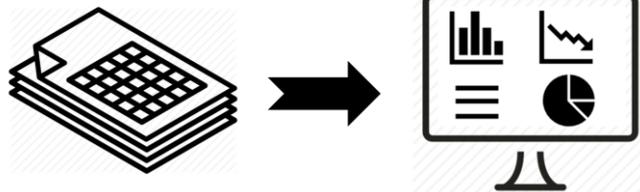
- Data visualization and access for continuous measurements at the fixed sites in near real-time
- Progress report infographic on CERP air monitoring actions
- Air monitoring progress reports for each air quality priority
- Community Air Monitoring Plan (CAMP) and related documents



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INTERACTIVE DATA DASHBOARD

- A web-based tool to explore and visualize time-integrated and mobile monitoring data in an easily digestible way
- Click-to-filter option enables interacting with the data
- Raw data will be available for download



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Background

- Background information about:
 - ✓ Communities and monitoring stations
 - ✓ Time-integrated air quality monitoring
 - ✓ Measured chemical species at each station and the analytical methods

What other information would you like to be included?

Background
Time-Integrated Monitoring Results
WCLB Sites Measurements
ELABHWC Sites Measurements
SBA Sites Measurements

AB 617 time-integrated air monitoring

Time-integrated air monitoring was conducted at a number of stations within AB 617 communities.

AB 617 monitoring utilizes the sampling instruments and laboratory analyses that are used in established monitoring programs (i.e. U.S. EPA) and, therefore, many of the procedures and protocols for the AB 617 monitoring are based on the South Coast AQMD Quality Management Plan for Environmental Measurement Programs (Applied Science & Technology, 2009) and Quality Assurance Project Plan (QAPP) for Special Monitoring.

Hover over each site to see pollutants measured at each monitoring site.

Reference

Applied Science & Technology. (2009). Quality Management Plan for Environmental Measurement Programs. Diamond Bar, CA: South Coast Air Quality Management District.



Note: This is the preliminary version of the dashboard. The final product may look different.

Time-integrated results

- Interactive air monitoring data visualization
- Comparison of levels between different air monitoring sites/ communities
- Comparison of levels against MATES IV* (typical ambient levels across the Basin)
- Access to raw data

* MATES: Multiple Air Toxics Exposure Study

What other features would you like to be included?

Background
Time-Integrated Monitoring Results
WCLB Sites Measurements
ELABHWC Sites Measurements
SBA Sites Measurements

Step 1: Select a Community

ELABHWC
 SBM
 WCLB

Step 2: Select a Monitoring Site

Central Los Angeles
 Resurrection Church

Step 3: Select a Pollutant Category

PM_{2.5}/TSP

Step 4: Select a Pollutant Subcategory

Metals

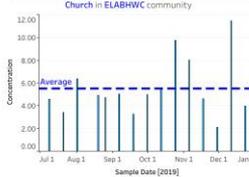
Step 5: Select a Pollutant

Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 Manganese
 Nickel
 Selenium

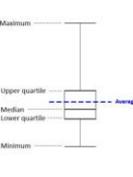
Location of the air monitoring site



Concentration of PM_{2.5} Chromium (ng/m³) at Resurrection Church in ELABHWC community



Comparison of PM_{2.5} Chromium (ng/m³) measured at AB 617 monitoring sites and during MATES IV

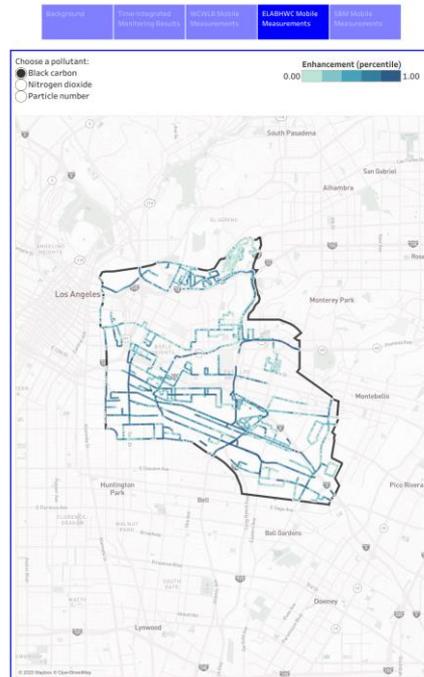


Note: This is the preliminary version of the dashboard. The final product may look different.

Mobile monitoring results

- Interactive map of mobile monitoring results
- Toggle between different measured air pollutants
- Zoom in/out and pan around

What other information/ features would you like to be included?



Note: This is the preliminary version of the dashboard. The final product may look different.

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SEEKING CSC INPUT

- Comments, Questions, Concerns?

Please contact:
Payam Pakbin
ppakbin@aqmd.gov
909-396-2122



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CSC MEMBERSHIP 2021

■ Current CSC Members

- No action required to continue serving as CSC Member
- Will receive an email with CSC Interest Form
 - Update contact information (if needed)
 - Appoint new member or alternate (if needed)

■ New Applicants

- CSC Interest Form available at:
<http://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committee-interest-form.pdf?sfvrsn=34>
- Send CSC Interest Form or Questions to:
Evangelina Barrera at ebarrera@aqmd.gov or 909-396-2583

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