## QUARTERLY 2024 CSC MEETING #1

EAST LOS ANGELES, BOYLE HEIGHTS, WEST COMMERCE

MARCH 14, 2024

Bernard Tolliver
Senior Public Affairs Specialist

## Dr. Anissa "Cessa" Heard-Johnson - Deputy Executive Officer of Diversity, Equity, Inclusion with Community Air Programs



Dr. Anissa "Cessa" Heard-Johnson is the Deputy Executive Officer of Diversity, Equity, and Inclusion. In her role, she focuses on creating and implementing equity-based programming, training, and policy and procedure review.

Cessa has over twenty years of experience in fostering inclusive environments, supervising diversity practitioners, and creating equity-based programing, training in business, social service agencies, and educational organizations. Prior to joining the South Coast AQMD, Cessa was an adjunct professor at UC Santa Cruz and Oregon State University, teaching women's studies and diversity/social justice.

She founded cultural and LGBTQIA+ centers and developed equity initiatives for Racial and Ethnic-based communities, Foster Youth, Gender Equity, Food and Housing Insecure, Promise Scholarship Recipients, Re-Entry, and Undocumented students and Veterans.

Cessa obtained her BA in elementary education with a minor in African American studies at San Diego State University, earned her MS in higher education policy and management at the University of Oregon, and graduated with her Doctorate Degree in Educational Leadership from Seattle University in August 2021.

2

#### AGENDA



- CSC Member Updates & Announcements
- CARB Update
- CERP Update:
  - Residential Air Filtration Program
  - Dashboard Demonstration & CSC Feedback
- CAMP Update



## CRITICAL COMMUNITY CONVERSATIONS FOR PURPOSEFUL OUTREACH (C3PO)









## ELA, BH, WC, CSC 2024

Member Updates



#### SOUTH COAST AQMD CONTACTS:





Bernard Tolliver Sr. Public Affairs Specialist 909-396-2029 btolliver@aqmd.gov Robert Dalbeck Program Supervisor 909-396-2139 rdalbeck@aqmd.gov

Nish Krishnamurthy, PhD Air Quality Specialist 909-396-3120 nkrishnamurthy@aqmd.gov

- General AB 617 inquiries: <u>ab617@aqmd.gov</u>
- ELABHWC Community Webpage:
  <a href="http://www.aqmd.gov/ab617/elabhwc">http://www.aqmd.gov/ab617/elabhwc</a>



#### **CARB Updates**

#### **Adrianna Hernandez**

CARB liaison for the Southeast Los Angeles and East Los Angeles, Boyle Heights, West Commerce Communities

Office of Community Air Protection (OCAP)

#### **Community Air Protection Program Funding**

## Community Air Grants (<u>CAGs</u>) <u>Cycle 5</u> Coming Soon!!

#### **Up to \$16 million available!**

- Who can apply?
  - California community-based non-profit organizations
  - —California Native American Tribes
- What can you apply for (project categories)?
  - —Educational projects \$100,000 maximum per project
  - —Technical or Targeted projects \$500,000 maximum per project
- Public engagement process starting late Spring 2024

Examples of what Community Air Grants are being used to fund include, <u>but are</u> not limited to:



✓ Community engagement and outreach related to AB 617



✓ Hiring consultants and/or technical experts



✓ Travel and logistical support for hosting and/or attending meetings related to AB 617 (i.e., room rental, meeting facilitation, transportation)



✓ Community operated air monitoring



Data collection and analysis, including community based participatory research projects



#### **Community Air Protection Program Funding**

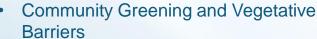
#### Community Air Protection Program Incentives (<u>CAPP Incentives</u>)

Who Can Apply? Air Districts on behalf of communities

#### **New Chapters in Guidelines**









Emergency Diesel Generator Replacement



 Paving, Sidewalk, and Bike Path Projects



Dial-A-Ride Vehicle Replacement

Alternatives to Agricultural Burning



Low Dust Nut Harvesting

#### **Resources:**

- Upcoming Public Workshop on March 19, 2024
- Orientation for Community Air Protection Incentives, available

<u>online</u>



#### Supplemental Environmental Projects (SEP)

What are SEPs? Projects funded by enforcement settlement penalty fees. They can fund projects in your community.

#### Who can apply?

- 501(c)(3) nonprofit organization
- Tribal Nations
- Local, regional, or state entity
- **Businesses**

Mobile asthma clinic

No idling signs on school routes

Wilmington Weather Station

Insecticide reduction empowerment

Other



Marine Vessel Speed Reduction Incentive

**Program** 

What can you apply for (project categories)?

Environmental Restoration and Protection

Pollution Prevention or Reduction

Education and Compliance Training

Community Monitoring

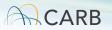








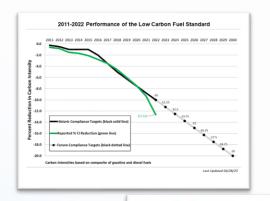




#### **State Rulemaking**

2024

- Low Carbon Fuel Standard
- Zero-Emission Forklift
   Regulation
- On-Road Motorcycles
   Regulation











## Evaluation of the Community Air Protection Program



Office of Community Air Protection March 14, 2024

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

#### **Blueprint 2.0 Commitment**



Community Air Protection Program

Blueprint 2.0

September 2023

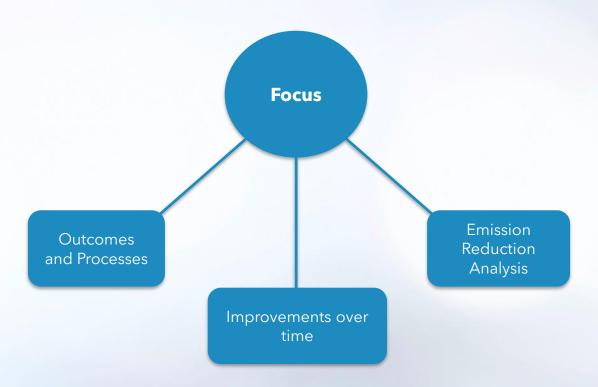
## Goal 5 - Track Program Commitments and Ensure Completion of Community Emissions Reduction Programs

#### **Priority Action**

3. Conduct a programmatic evaluation of the Program through a third-party evaluator and publish findings and recommendations. (2023-2025)



## How does this Evaluation Build on Prior Studies?





#### **Evaluation Can Help Answer**









How to Address Program Shortcomings?







How to Replicate Program Strengths?





How to Build In Evaluation throughout the Program?



#### Focus on Year 1 Communities (2018)





#### **About the Contract**



- Budget: \$625,000
  - Additional funds for community compensation throughout the process
- Anticipated Timeline: April 2024 April 2027



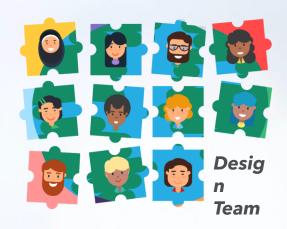
#### **Major Tasks and Timeline**

Year 1 Year 2 Year 3 **Establish** Develop **Final Report Design Team** Work Plan w/ feedback from Design Team **Summarize Past Efforts Engage Focus Communities** 



#### **Action Items for CSC**

- Any questions for us?
- Interest in participation?
- Nominate a member for design team



- Up to 11 members (~6 seats for CSC members, 5 for Air District, CARB staff)
- Compensation provided
- Up to 3 meetings in Year 1 + providing feedback
   on draft materials



#### **Next Steps**



- Formulate design team members
- Review and compile community specific info
- Project kick-off
- Begin work!



#### **Questions and Contact**

Nicole Bruns

Air Pollution Specialist, Staff Lead for Program Evaluation Office of Community Air Protection nicole.bruns@arb.ca.gov

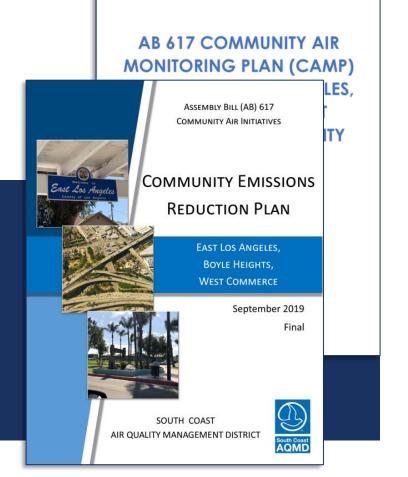


## Community Emission Reductions Plan (CERP) Implementation Update

1<sup>ST</sup> Quarter 2024

East Los Angeles, Boyle Heights, West Commerce (ELABHWC)
March 14, 2024

Nish Krishnamurthy, Ph.D. Air Quality Specialist



#### 2024 ELABHWC CERP Implementation Progress



- CERP Dashboard
- Metal Processing Facilities



Residential Air Filtration System Program

#### Residential Air Filtration Systems – Background

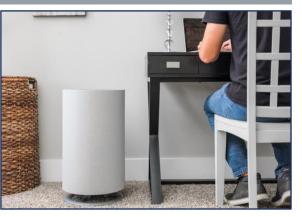
- Chapter 5g Exposure Reduction at Sensitive Sites, Objective 3\*
  - Objective: Reducing exposure to harmful air pollutants at homes
  - ☐ **Goal**: Install air filtration systems at residences



 Purpose: Provide update on the ELABHWC Residential Air Filtration System Program







## RESIDENTIAL AIR FILTRATION PROGRAM UPDATE

East Los Angeles, Boyle Heights, West Commerce March 14, 2024

Frances Maes

Air Quality Specialist

#### ACTUALIZACIÓN DEL PROGRAMA DE FILTRACIÓN DE AIRE RESIDENCIAL

East Los Angeles, Boyle Heights, West Commerce 14 de marzo de 2024

Frances Maes

Especialista en Calidad de Aire



## NOW ACCEPTING APPLICATIONS

Visit <u>www.aqmd.gov/raf</u> to begin an application

#### Where Can I Apply for Residential Air Filtration

South Coast AQMD is now accepting applications for residential air filtration units. The program is first come, first served, and the availability of air filtration units is not guaranteed. South Coast AQMD will not accept incomplete applications and will only evaluate signed and submitted applications.

Please follow the link below to submit your application.



## AHORA ACEPTANDO SOLICITUDES

 Visite <u>www.aqmd.gov/raf</u> para comenzar una solicitud

#### ¿Dónde puedo solicitar la filtración de aire residencial?

South Coast AQMD ahora está aceptando solicitudes para unidades de filtración de aire residenciales. El programa se otorga por orden de llegada y no se garantiza la disponibilidad de unidades de filtración de aire. South Coast AQMD no aceptará solicitudes incompletas y solo evaluará las solicitudes firmadas y enviadas.

Siga el siguiente enlace para enviar su solicitud.







#### **HOW TO APPLY**

#### Visit Website

- √Go to aqmd.gov/RAF
- ✓ Click 'Begin application'

#### Fill Form

√ Fill in the online application

#### Choose Unit

- √ Review spec sheet and compare units
- √ Choose two units: Preferred, Backup

#### Attach

- ✓Add document to verify residence in ELABHAWC
- ✓ Current utility bill: gas, water, electric or property tax statement

#### Submit

- √ Review Application for accuracy
- ✓ Electronically sign and submit

#### CÓMO ENVIAR UNA SOLICITUD

- Visita el sitio web
- ✓ Ir a aqmd.gov/RAF
- ✓ Haga clic en 'comencar la solicitud'
- Llenar Formulario
  - ✓ Complete la solicitud en línea
  - Elegir Unidad
    - √Revisar la hoja de especificaciones y comparar unidades
      - ✓ Elige dos unidades: principal, de reserva
    - Adjuntar
      - ✓ Agregar document para verificar residencia
      - √ Factura de servicios públicos: gas, agua, electricidad o declearación de impuesto de la propiedad

#### Enregar

- √ Revisar la solicitud para comprobar su precision
- ✓ Firmar y enviar electrónicamente

#### QUESTIONS / **COMMENTS?**

#### ¿PREGUNTAS / **COMENTARIOS?**



For additional information visit:

www.aqmd.gov/RAF

or email:

617airfiltration@aqmd.gov



para información adicional visite:

www.aqmd.gov/RAF

o enviar correo electrónico:

617airfiltration@aqmd.gov

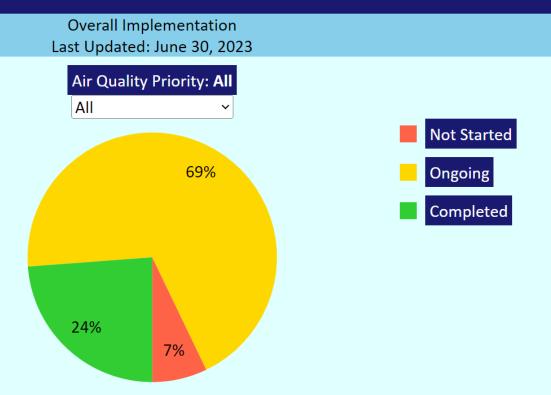


# Assembly Bill 617 (AB 617) CERP Implementation Dashboard Demonstration & CSC Feedback

Pami Mukherjee, Ph.D. Air Quality Specialist

#### Assembly Bill 617 Community Emission Reductions Plan

East Los Angeles, Boyle Heights, West Commerce



## AB 617 CERP Implementation Dashboard Overview Descripción General del Tablero de Implementación del CERP de AB 617



Interactive online tool to display the status of CERP implementation

Herramienta interactiva en línea para mostrar el estado de la implementación del CERP



For each CERP objective, includes detailed information on progress towards completion

Para cada objetivo del CERP, incluye información detallada sobre el progreso hacia la finalización



With CSC collaboration, Dashboard will be implemented in two phases:

Phase 1: Collect CSC feedback

<u>Phase 2</u>: Incorporate CSC feedback and finalize the Dashboard framework design

Con la colaboración del CSC, el Panel de control se implementará en dos fases:

<u>Fase 1</u>: Recopilar retroalimentación del CSC <u>Fase 2</u>: Incorporar la retroalimentación del CSC y finalizar el diseño del marco del Panel de control

#### Community Emission Reductions Plan (CERP)

The Community Emission Reductions Plan (CERP) provides a blueprint for achieving air pollution emission and exposure reductions to address this community's highest air quality priorities. This plan includes actions to reduce emissions and/or exposures in partnership with community stakeholders. Beginning in late 2019, the plan will be implemented over several years, during which South Coast AQMD staff will track its progress and provide periodic updates to the community.

• Final CERP (PDF) - Adopted September 6, 2019

#### AB 617 CERP Implementation Dashboard:

- AB 617 CERP Implementation Dashboard Updated June 30, 2023
- Dashboard Demonstration and Tutorial Video



https://www.youtube.com/watc h?v=Hv6zxDWhW4I

- Dashboard Feedback Form (English)
- Dashboard Feedback Form (Español)
- ELABHWC Homepage: <a href="https://www.aqmd.gov/AB617/ELABHWC">https://www.aqmd.gov/AB617/ELABHWC</a>

## Tentative AB 617 CERP Implementation Dashboard Timeline Cronograma tentativo del tablero de implementación del CERP de AB 617

Jan – Mar Ene – Mar

- Demonstrate Dashboard Phase 1 and collect CSC feedback
- Demostrar de la Fase 1 del Panel de control y recopilar de la retroalimentación del CSC

Apr – Jun Abr – Jun

- Incorporate CSC feedback into Dashboard
- Incorpore los comentarios del CSC al Panel de control

Jul Jul

- Release Dashboard Phase 2
- Lanzar el Panel de control Fase 2

Ongoing

- Update status of CERP objectives shown in the Dashboard
- Actualizar el estado de los objetivos CERP mostrados en el Panel de control



# CAMP IMPLEMENTATION UPDATE

**METAL PROCESSING FACILITIES** 

MOHAMMAD SOWLAT, Ph.D.

Program Supervisor <a href="mailto:msowlat@aqmd.gov">msowlat@aqmd.gov</a>



#### **CERP COMMITMENTS** METAL PROCESSING FACILITIES

#### Chapter 5d, Objective I

- Identify sources of elevated levels of toxic metal emissions
- If elevated levels of toxic metals persist, conduct follow up actions
- Determine if enforcement actions are needed

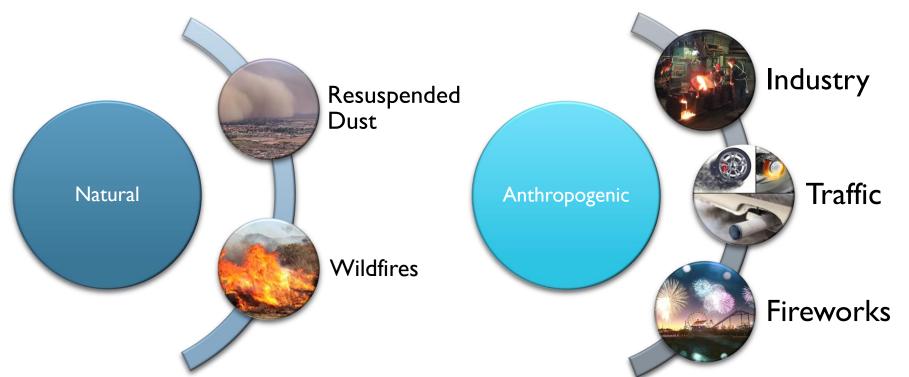
#### Target Pollutants

Particles/dust, specifically dust that contains metals, such as:

- Air toxic metals: Lead, arsenic, chromium, copper, nickel
- Chemical tracers of different sources of metals emissions



#### SOURCES OF METALS IN AMBIENT PARTICULATE MATTER





### CAMP STRATEGY METAL PROCESSING FACILITIES

- Determine priority areas based on the location of facilities
- Mobile monitoring in priority areas
- Identify locations with elevated concentrations

Area Surveys

### Emissions & Exposure Characterization

- Identify facilities within areas with elevated levels
- Conduct measurements near priority facilities and receptors

- Identify facilities with potential to contribute to elevated levels
- Assess inspection and compliance history

**Compliance Assessment** 

### Compliance & Enforcement Activities

- Conduct onsite inspections
- Take necessary enforcement action



### AIR MONITORING APPROACH METAL PROCESSING FACILITIES







#### **Fixed-Site Monitoring**

#### **Objectives**

- Provide real-time data in the community
- Support CERP

#### Mobile Monitoring Surveys

#### **Objectives**

- Identify areas with persistent elevated levels
- Assess community impact
- Support CERP

### Follow-up Monitoring (Source Characterization)

#### Objective

- Characterize emissions & exposure near facilities
- Support CERP

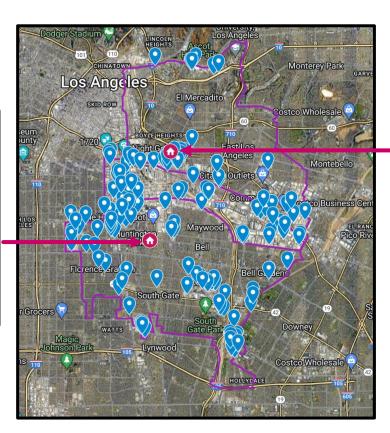


### **FIXED-SITE MONITORING**

Huntington Park
Air Monitoring Station



Continuous
measurements of multimetals in PM10
August 2022 to present



Resurrection Church Air Monitoring Station



Continuous
measurements of multimetals in PM10
March 2022 to December 2024



## REAL-TIME CONTINUOUS MEASUREMENTS

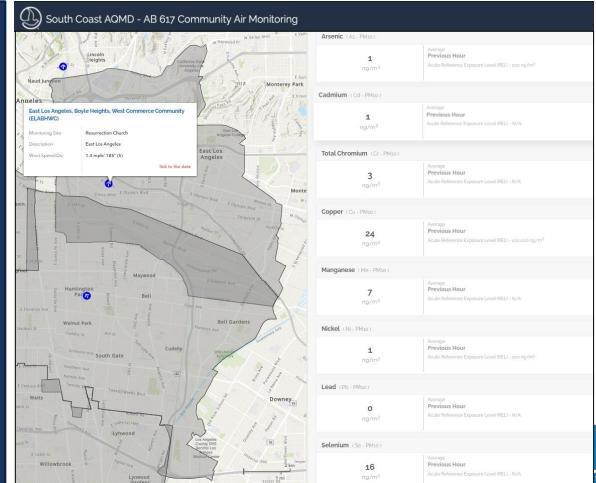
- Display tool provides realtime data access
- Tutorial video posted on AB 617 webpage
- Use the link or the QR code below to access the data display tool and tutorial:

http://www.aqmd.gov/ab617/monitoring/elabhw

<u>c</u>



If you have questions and/or comments, please contact:
Payam Pakbin ppakbin@aqmd.gov





## CONTINUOUS TRENDS ANALYSIS DASHBOARD

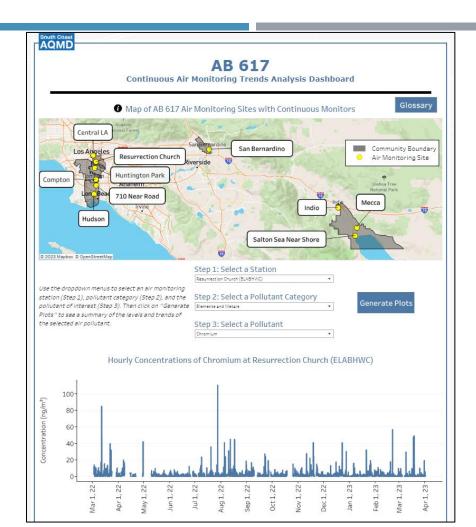
- Allows users to analyze and summarize trends in the continuous data
- Tutorial video has been posted on AB 617 webpage
- Click the link or QR code below to access the dashboard and tutorial:

http://www.aqmd.gov/ab617/monitoring/elabhw

<u>c</u>



If you have questions and/or comments, please contact:
Payam Pakbin ppakbin@aqmd.gov





### MOBILE MONITORING MEASUREMENTS OF METALS

- South Coast AQMD has been developing and evaluating technologies and methods for air pollution measurements
- South Coast AQMD developed a novel multi-metals mobile platform to support CAMP implementation
- This work is also part of a U.S. EPA grant





### **SUMMARY OF RESULTS**

ONGOING AND FUTURE ACTIVITIES

### OVERVIEW & LOCATION OF MOBILE MONITORING SURVEYS



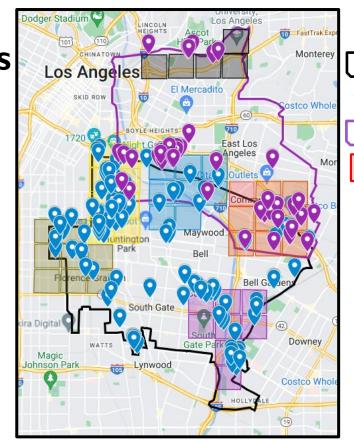
Measurements were conducted in ELABHWC and SELA communities



<u>52</u> survey days (June 2022 through September 2023)



~ 240 hours of measurements within the two communities





**SELA Metal Facilities** 



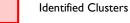
SELA Boundary



ELABHWC Metal Facilities

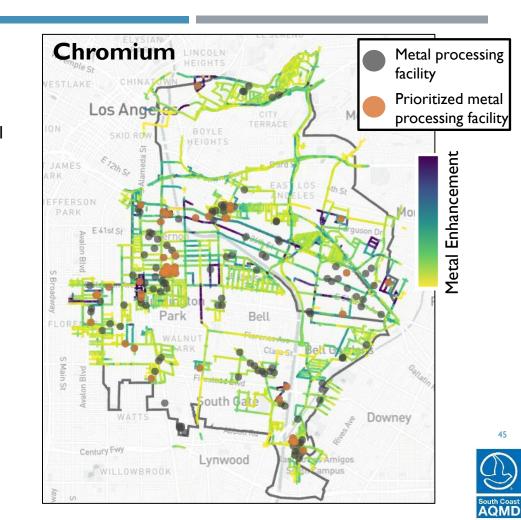


**ELABHWC Boundary** 





- Concentration enhancement maps are made for all metals
- Focus on air toxic metals and chemical tracers of different sources of metals emissions
- Areas with relatively elevated levels of metals are determined
- Facilities within or in proximity of these areas are identified

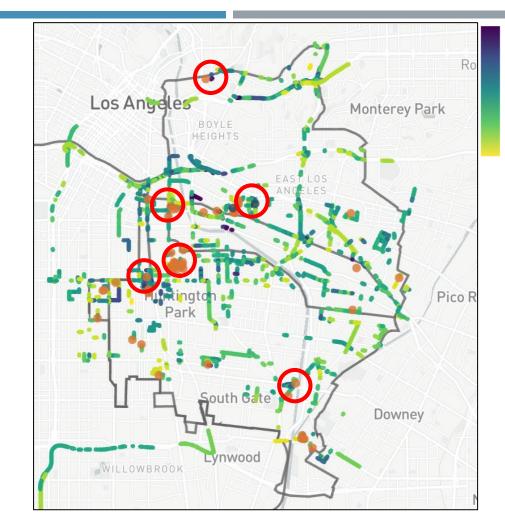


Based on the results of the mobile monitoring surveys some facilities and areas have been identified for inspections and follow up air monitoring

Prioritized facilities based on monitoring data

Prioritized areas for follow-up stationary measurements

**Prioritization Criteria:** Concentrations of at least two metals (Cr, Ni, As, Pb) > 80<sup>th</sup> percentile





### ONGOING EFFORTS AND NEXT STEPS METAL PROCESSING FACILITIES



Relatively elevated levels of metals were observed near some clusters of metal processing facilities

#### Follow up measurements:

- Performing follow-up stationary measurements in areas with elevated levels of metals
- Levels were relatively lower in the residential areas

#### Identification of potential sources:

- All metal processing facilities located within or near areas with elevated levels of metals were identified
- Prioritization of compliance and enforcement activities:
  - Air monitoring data is now being used to better prioritize facility inspections leading to emission reductions
  - The Multi-Metals Mobile Platform will be available to support future efforts



47

### ONGOING EFFORTS AND NEXT STEPS RESUSPENDED ROAD DUST



Consistent elevated levels of metals were observed on freeways, major roadways, and on- and off-ramps

#### Source identification:

• Non-exhaust traffic emissions that deposit on roadways and become resuspended due to traffic and/or winds (e.g., brake, tire, clutch, and engine wear and abrasion of roads)

#### • Near-road air monitoring (source characterization):

 A comprehensive <u>road dust air monitoring study</u> at two near-road sites will be conducted as part of the next Multiple Air Toxics Exposure Study (MATESVI)

#### Real-time metals monitoring:

- The real-time metals monitoring network has been expanded as part of the AB 617 program
- South Coast AQMD developed data dashboards for real-time data access to create data summaries and trends analysis; tutorial videos available



### ONGOING EFFORTS AND NEXT STEPS MINERAL/SOIL DUST



Elevated levels of mineral dust tracers highlight the impact of resuspended dust

#### Source identification:

- Natural sources can contribute to ambient levels of metals
- The contribution of suspended mineral dust is much higher in rural areas

#### Source contribution:

- South Coast AQMD is conducting a source apportionment study to quantify the contribution of different sources to the measured metals levels
- South Coast AQMD is conducting a comprehensive dust characterization study in East Coachella Valley as part of the CAMP implementation in this community



### CONTACT INFORMATION

Mohammad Sowlat Program Supervisor msowlat@aqmd.gov 909-396-3144

Payam Pakbin Atmospheric Measurements Manager ppakbin@aqmd.gov 909-396-2122



### **South Coast AQMD** Office of Compliance & **Enforcement** Collaboration Efforts with Monitoring & Analysis

Victor Yip
Assistant Deputy Executive Officer
Compliance & Enforcement



### **Inspections of 13 Prioritized Facilities**

- Notice of Violation issued to: LAX Wheel Refinishing
  - Operating equipment without a valid South Coast AQMD Permit to Operate
  - Investigation is ongoing
- Notice to Comply issued to: Metal Finishing Marketers Inc
  - Deficient in recordkeeping, housekeeping
  - As of 2/26/24- In compliance with NTC
- Out of Business sites
  - Two locations- occupied by new businesses not requiring South Coast AQMD permits
  - Three locations- abandoned



### Questions?

### Office of Compliance and Enforcement Contacts:

#### **Victor Yip**

Assistant Deputy Executive
Officer
(909) 396-2465
vyip@agmd.gov

#### Yazmin Kakishita

Program Supervisor (909) 396-3207 ykakishita@aqmd.gov

### **NEXT STEPS**

#### Future Announcements

- Newsletters or emails
- Continue CERP implementation

### Future Meeting

- May 23, 2024 (virtual)
- AQ Priority Updates & Agenda Topics
  - ☐ What would you like to hear about?



# COMMUNITY EVENTS EVENTOS DE LA COMUNIDAD



Connecting with our Communities



Comunicando Con Nuestras Comunidades

### AB 617: CSC MEMBERSHIP 2023 / MEMBRESÍA DEL CSC 2023



### Current CSC Members / Miembros actuales del CSC

- ✓ No action required to continue serving as CSC Member / No se requiere ninguna acción para continuar sirviendo como miembro del CSC
- ✓ Will receive an email confirmation with CSC Interest Form / Recibirá un correo electrónico con el Formulario de Interés del CSC



### **New Applicants /**

**Nuevos solicitantes** 

- □ CSC Interest Form available at: /

  El Formulario de Interés del CSC está disponible en:

  http://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering
  - 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 /
  Envíe el Formulario de Interés del CSC o Preguntas a:
  ab617comments@aqmd.gov or 909.396.2250



# JOIN THE CLEAN AIR TEAM! ¡ÚNETE AL EQUIPO DE AIRE LIMPIO!



# APPLY ONLINE APLICA EN LINEA www.aqmd.gov/careers



4 Day Work Week

Semana de trabajo

de 4 días



Retirement Plan

Plan de retiro



Telework up to 3 Days/Week

Teletrabajo hasta 3

dias/semana



Life Insurance Benefits Beneficios del seguro de vida



Medical, Dental and Vision Insurance Seguro médico, dental y de la vista



Wellness Programs Programas de bienestar



13 Paid Holidays

13 días festivos pagados



Continued Education Reimbursement Reembolso de educación continua

### **Public Comments**