

AB 617 COMMUNITY STEERING COMMITTEE

WILMINGTON, CARSON, WEST LONG BEACH
2025 QUARTERLY MEETING #2

MAY 15, 2025

2:00 – 4:00 PM

ZOOM MEETING LINK

Ryan Stromar

Senior Public Affairs Specialist



AGENDA



- Welcome & Introduction
- CSC Member Updates
- Progress on Community Emissions Reduction Plan (CERP) Implementation
 - Post Fifth Year Working Team Update
 - Completed CERP Actions
- Community Air Monitoring Plan (CAMP) Implementation
- Update on Fumigation Facilities in South Los Angeles
- CSC Suggestions – Agenda Items for Next Meeting
- Public Comment

AB 617
WCWLB

CSC Member
Updates

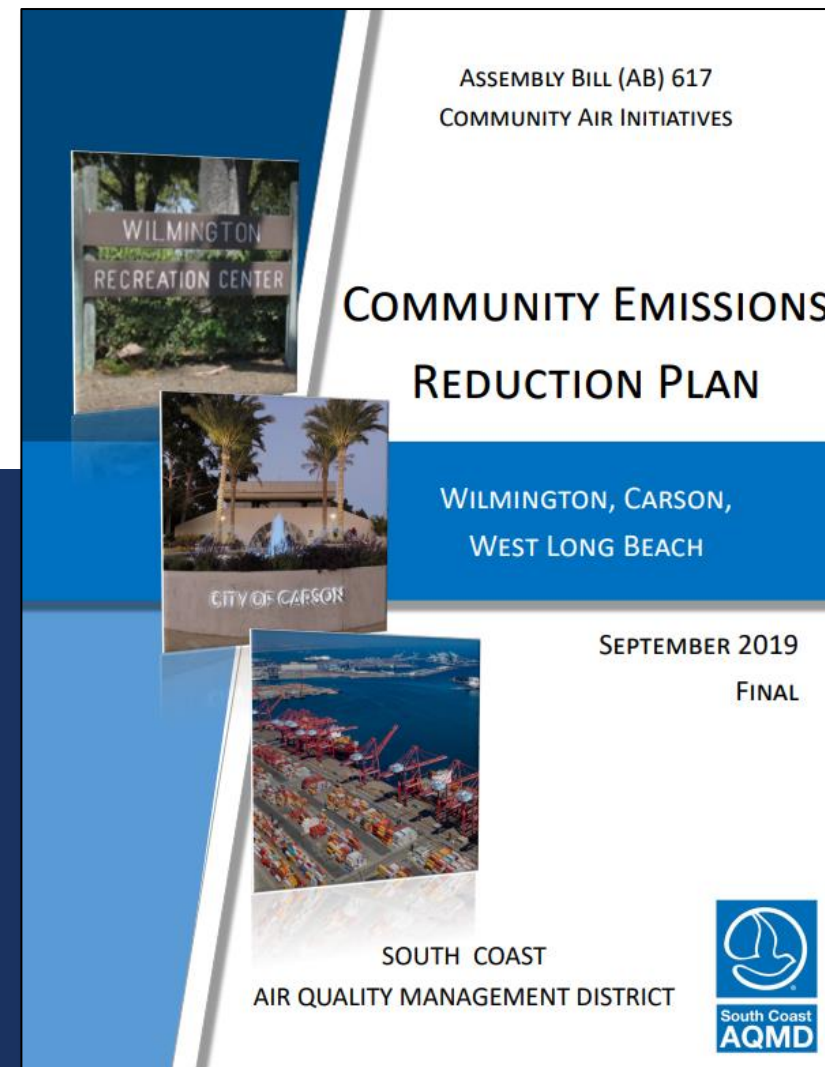


Community Emission Reductions Plan (CERP) Implementation Update

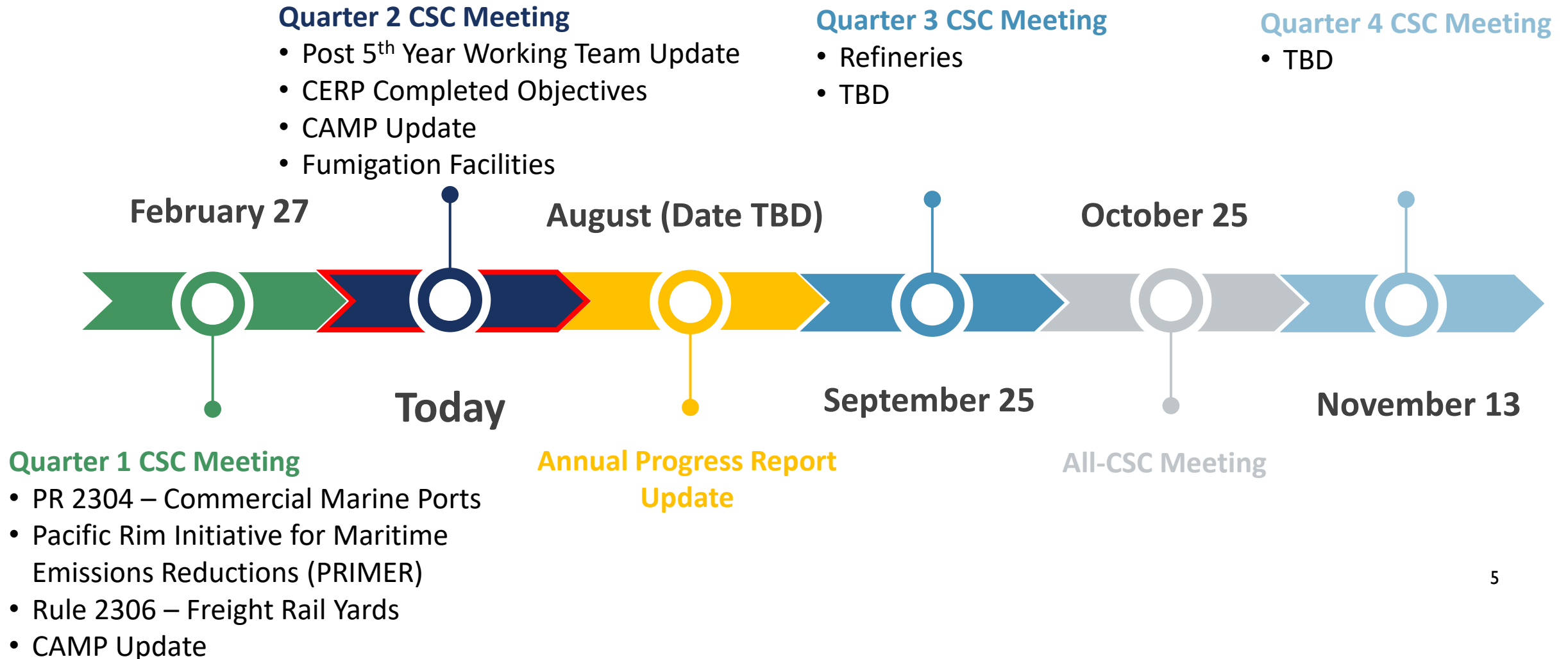
2nd Quarter 2025

Wilmington, Carson, West Long Beach (WCWLB)
May 15, 2025

Nish Krishnamurthy, Ph.D.
Air Quality Specialist



2025 WCWLB CERP Implementation Progress



AB 617 WCWL B

Community Emissions Reduction Plan

Post Year 5 Transition
Working Team Meeting

UPDATE on Post Year 5 Transition Working Team Meeting

ACTUALIZACIÓN sobre la Reunión del Equipo de Trabajo de Transición Post 5º Año

Held on Wednesday, April 16, 2025

Se celebra el miércoles 16 de abril de 2025

CERP Implementation Deadlines

Fechas límite de implementación del CERP

Year 1 CERP Deadlines / *Fechas limite del CERP:*

- ELABHWC: September 10, 2025
- SBM: September 10, 2025
- **WCWLB: September 10, 2025**

Upcoming Meetings / *Próximas Reuniones:*

3rd Wednesdays of every month /
3er Miércoles de cada mes

Next Working Team Meeting:

Wednesday, May 21, 2025, 5:30 p.m. - 7:00 p.m.

Próxima reunión del equipo de trabajo:

miércoles 21 de mayo de 2025, 5:30 p.m. - 7:00 p.m.

AB 617 WCWL B

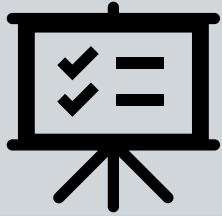
Community Emissions Reduction Plan

CERP Completed Objectives



Air Quality Priority: Refinery Rule Development

Address VOC Leaks, Objective #WCWLB-5b-02



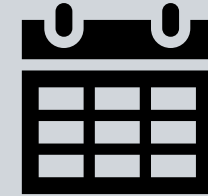
Objective

- Initiate rule development of Rules 1178 and 1173, as appropriate, to reduce fugitive VOC emissions from storage tanks including with a goal to reduce emissions below the 2020 baseline emission levels by: 25% by 2024 and 50% by 2030, and update the CSC quarterly or semiannually



Metrics

- Initial rule development
- Conduct technology assessment and identify rule concepts
- Public Hearing to consider adoption of amendments
- Update CSC



Timeline

Start:
4th Quarter, 2020
Complete:
4th Quarter, 2024

Refinery Rule Development

Address VOC Leaks (WCWLB-5b-02) – Detailed Status Update

Rule 1178 – Control of VOC Leaks from Storage Tanks at Petroleum Facilities

- Eight working group meetings (Oct 2020 to July 2023)
- Public Workshop held in February 2023
- Amended in September 2023

Rule 1173 – Control of VOC Leaks from Components

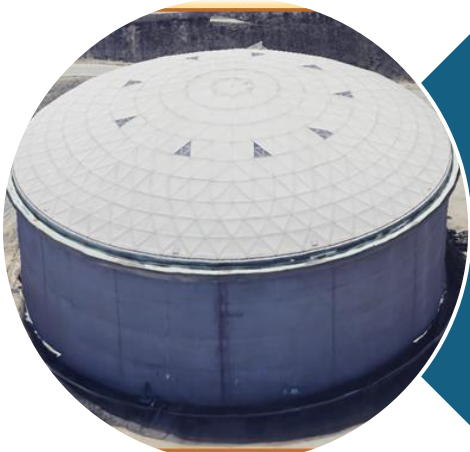
- Four working group meetings (Feb 2024 to July 2024)
- Public Workshop held in July 2024
- Amended in October 2024

Key Amendments in Rule 1178



Leak Detection with Optical Gas Imaging

- Cameras scan VOC vapors to find larger leaks more efficiently
- Weekly inspections of tank farms



Doming for All Crude Oil Tanks

- Reduces emissions by mitigating “wind effect”
- Doming begins in 2026 with full implementation by 2038

Key Amendments in Rule 1173



Leak Detection with Optical Gas Imaging

- Cameras scan VOC vapors to find larger leaks more efficiently
- Monthly inspections all components



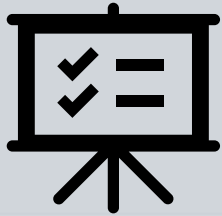
Lower Leak Standard

- Leak threshold lowered to 100 ppm
 - Previous threshold was 500 ppm
- Applies to more than 2.6 million components



Air Quality Priority: Oil Well Rule Amendments

Evaluate Feasibility to Amend Rule 1148 Series and Rule 1173 to Reduce Emissions and Require Additional Reporting", Objective #WCWLB-5b-02



Objective

- Determine if rule amendment is needed, using CAMP efforts and CARB's Study of Neighborhood Air near Petroleum Sources (SNAPs) program, and implement rule amendments if needed; update CSC



Metrics

- Meet with stakeholders
- Identify areas to reduce emissions and enhance reporting
- Initiate rulemaking
- If rule amendment is needed, amend rule
- Update CSC



Timeline

Start:
4th Quarter, 2020
Complete:
4th Quarter, 2024

Oil Well Rule Amendments

Amend Rule 1148 Series and Rule 1173 (WCWLB-5b-02) – Detailed Status Update

Rule 1148.1 – Oil and Gas Production Wells

- Four working group meetings (Apr 2023 to Apr 2024)
- Public Workshop held in February 2024
- Amended in August 2024

Rule 1148.2 – Notifications and Reporting for Oil and Gas Wells

- Four working group meetings (Apr 2023 to Apr 2024)
- Public Workshop held in February 2024
- Amended in August 2024

Rule 1173 – Control of VOC Leaks from Components

- Four working group meetings (Feb 2024 to July 2024)
- Public Workshop held in July 2024
- Amended in October 2024

Key Amendments in Rule 1148.1



Monthly use of Optical Gas Imaging (OGI) for enhanced leak detection



Use of Tier 4 Final diesel engines or better on workover rigs



Notification for quantified leaks > 25,000 ppm



Establish NOx limits for combustion equipment



Ban the use of odorants and limit air toxics in odor neutralizers

Key Amendments in Rule 1148.2



New Notification Requirements

- Hardcopy notice for acidizing of injection wells
- Workover rigs that are not Tier 4 Final
- Chemical treatments



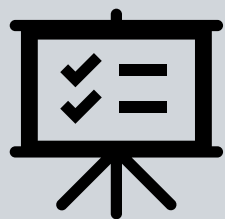
Revised Notification Requirements

- Made at least 72 hours prior
- Increased from 48 hours
- Reduced number of allowable extensions



Air Quality Priority: Railyard Zero Emission Infrastructure

Reduce Emissions from Railyards, Objective WCWLB-5f-01



Objective

- Work with local utilities and state agencies such as California Energy Commission (CEC) and California Public Utilities Commission (CPUC) to encourage the installation of infrastructure for fuel/charge zero emission vehicles and on-site equipment at the BNSF Railyard



Metrics

- Meet with SCE and state agencies to discuss zero emission infrastructure;
- Meet with railroad operators
- Update CSC



Timeline

Start:
3rd Quarter, 2021
Complete:
3rd Quarter, 2024

Air Quality Priority: Metal Processing Facilities

Adopt Rule for Metal Recyclers, (SELA-5e-01B) – Detailed Status Update

Rule 2306 – Freight Rail Yards

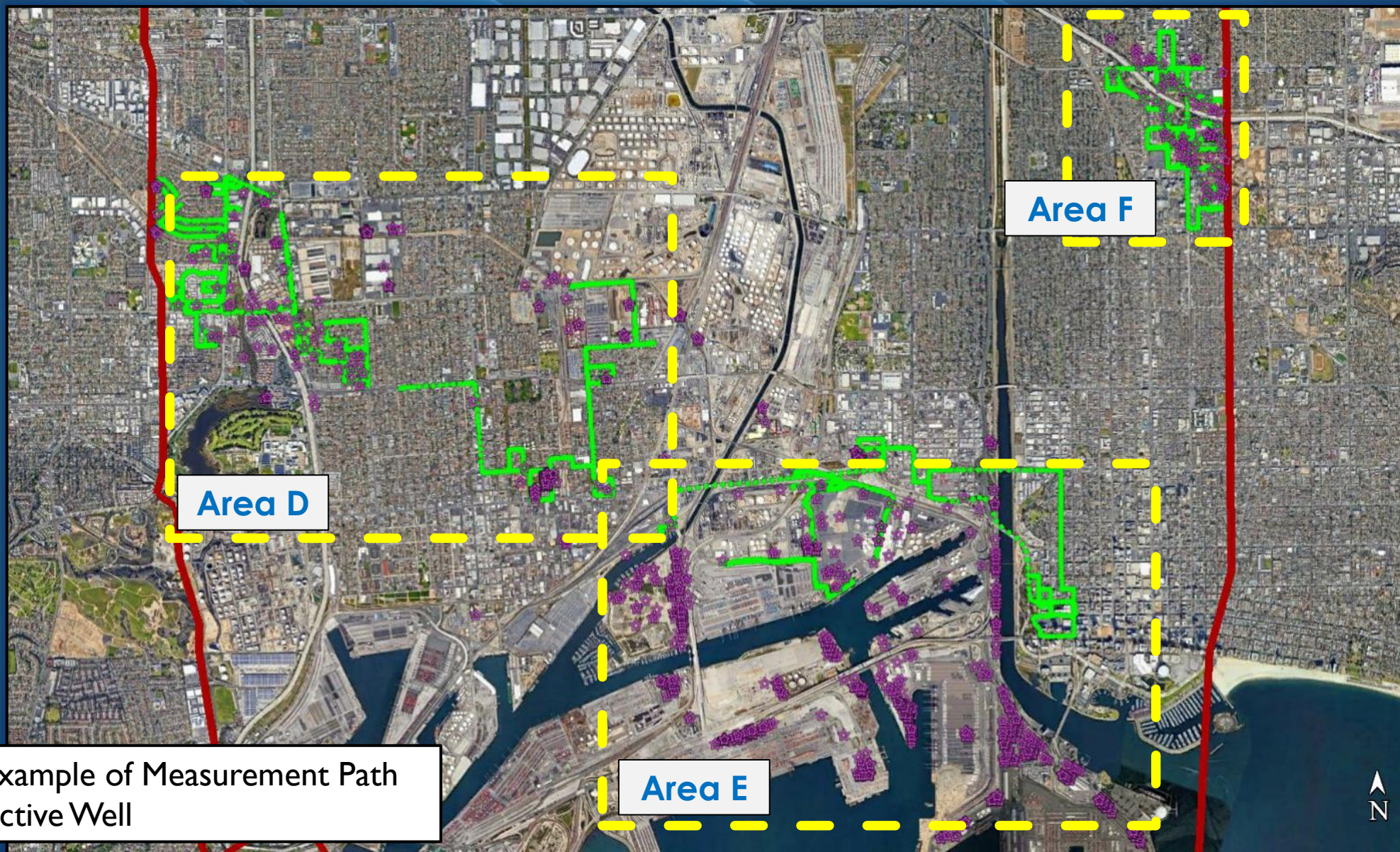
- South Coast AQMD staff collaborated with CSC members, industry representatives, and other regulatory agencies during rule development
- Held ten working group meetings: July 2021 through April 2024
- Community Workshops held March 2023, April 2023, and June 2024
- Public Workshop held June 2024
- Rule 1460 adopted on November 4, 2022
- Adopted August 2024

COMMUNITY AIR MONITORING PLAN IMPLEMENTATION UPDATE

OLGA PIKELNAYA, Ph.D.
opikelnaya@aqmd.gov



OIL WELLS IN YOUR COMMUNITY



- Example of Measurement Path
- Active Well

AIR MONITORING ACTIVITIES NEAR OIL WELLS

- Area wide mobile monitoring with enforcement team support
- Identify locations with enhanced Volatile Organic Compounds (VOCs) concentrations

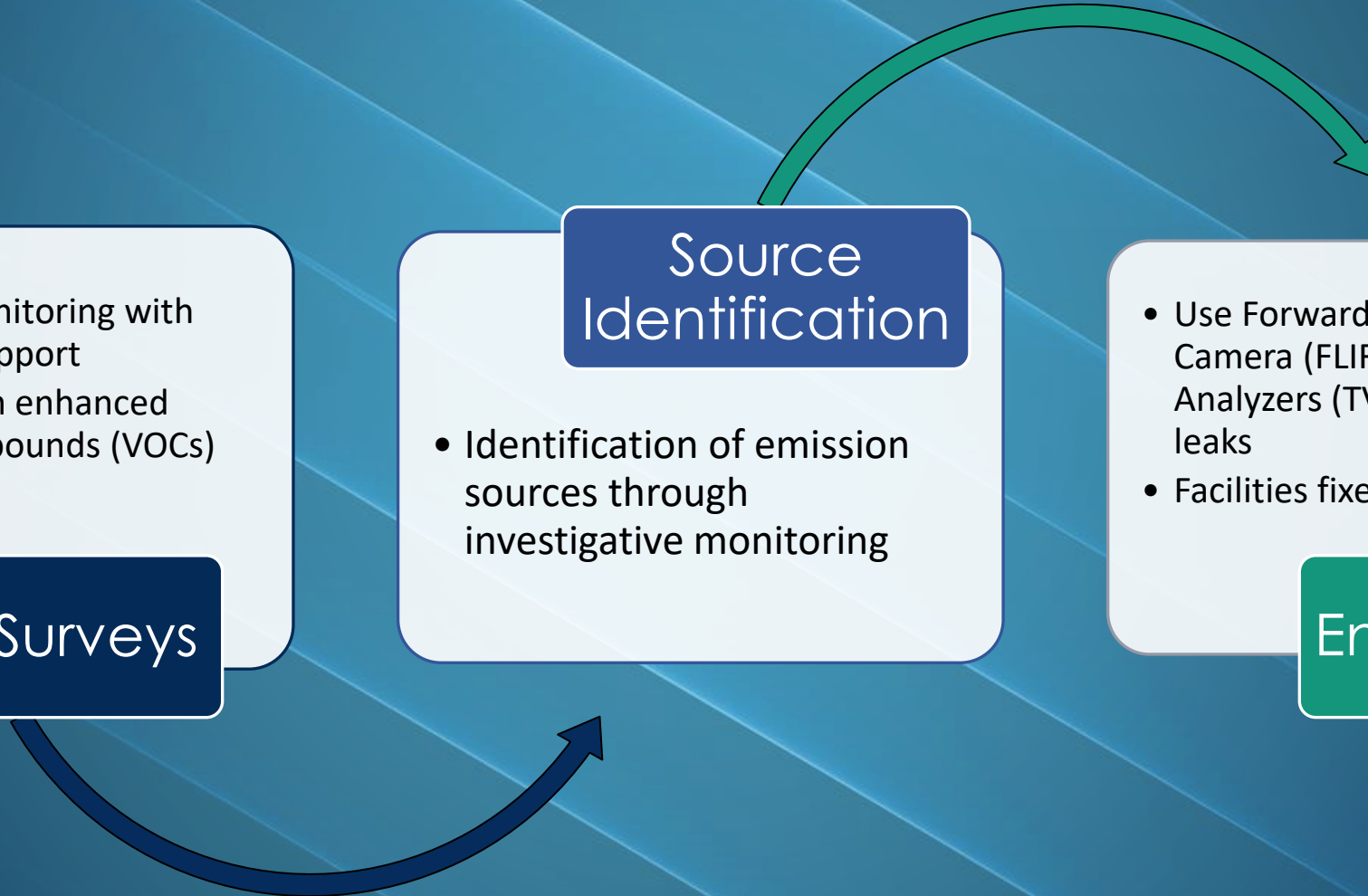
Area Surveys

- Identification of emission sources through investigative monitoring

Source Identification

- Use Forward Looking Infrared Camera (FLIR) and Toxic Vapor Analyzers (TVA) to investigate for leaks
- Facilities fixed leaks (staff verified)

Enforcement



OIL WELLS AIR MONITORING TOOLBOX



VOC
Emissions



Optical Remote Sensing Mobile Laboratory

*Used for surveys,
hotspot identification,
and/or concentration
mapping of air toxic
pollutants*

FLIR

*Used to visualize
emissions and field
investigations*

TVA

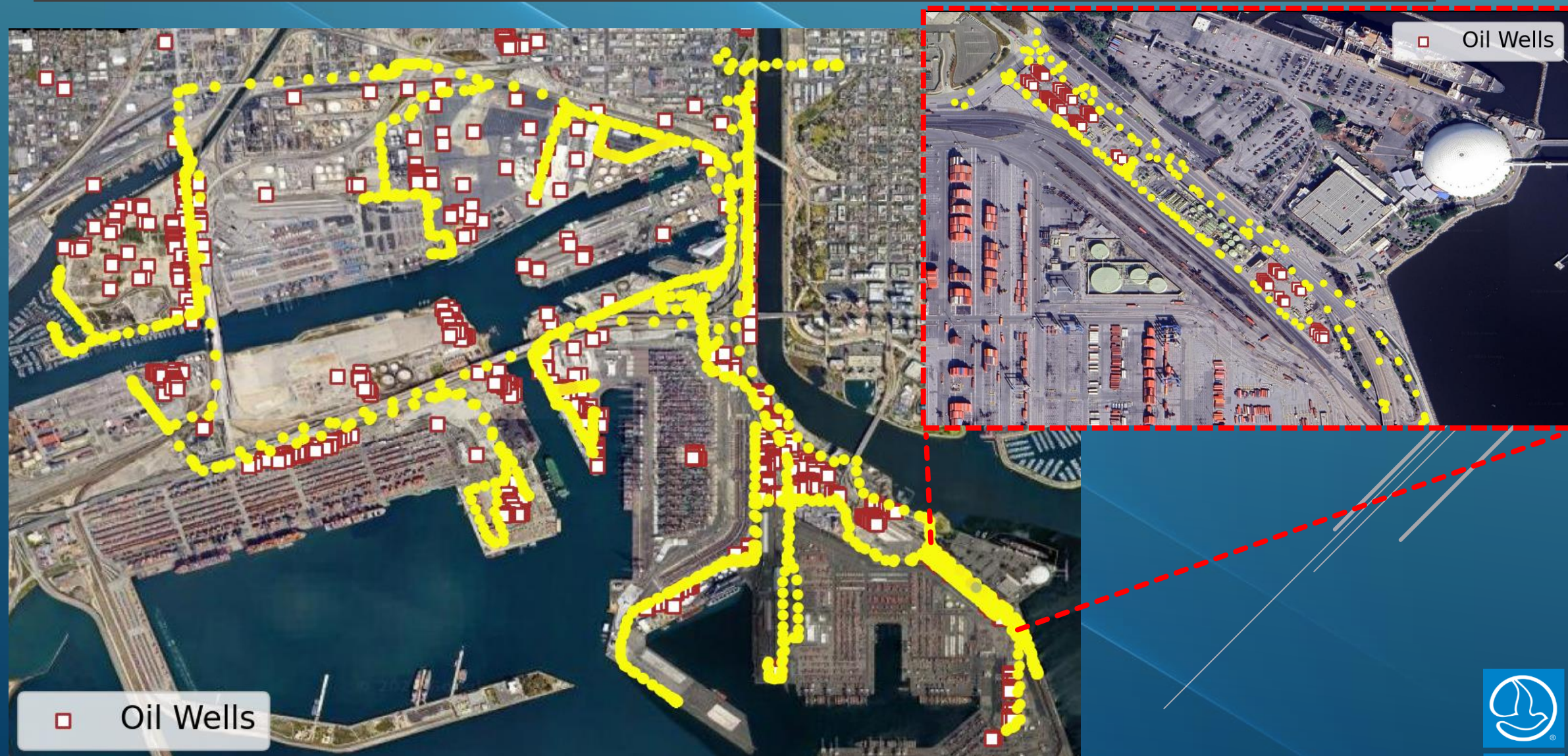
*Used to monitor for
hydrocarbons and
verify compliance and
investigate complaints*

MOBILE MEASUREMENTS NEAR OIL WELLS

Dates	Survey Area	Purpose	Findings	Compliance Activities
				
April 10 th , 2025	Area F	Complete area survey; Follow-up on locations with previously measured VOC enhancements	Slightly elevated VOCs detected near: California Ave & Patterson St Atlantic Ave & 29 th St	Two on-site inspections One Notice of Violation
April 17 th , 2025	Area D	Complete area survey; Follow-up on locations with previously measured VOC enhancements	Slightly elevated VOCs detected near: Anaheim St & Eubank Ave Figueroa St & Lomita Blvd	Two on-site inspections One Notice to Comply
April 24 th , 2025	Area E	Complete area survey; Follow-up on locations with previously measured VOC enhancements	Slightly elevated VOCs detected near: S Harbor Scenic Dr & Queens Hwy W. Pier D St.	Two on-site inspections One Notice of Violation

VOC – Volatile Organic Compounds

MOBILE MEASUREMENTS EXAMPLE – AREA E



Map of mobile VOC enhancements measurements April 24th, 2025 (Area E)

OVERVIEW OF OIL WELL SURVEYS SEPTEMBER 2019 – MAY 2025

Air Monitoring



- 51 mobile surveys

Enforcement



- 36 Notices of Violation (NOVs) or Notices to Comply (NTCs)

ACCESS UPDATES AND AIR MONITORING DATA AND OTHER INFORMATION



WCWLB monitoring webpage:

<http://www.aqmd.gov/ab617/monitoring/wcwlb>

A screenshot of the South Coast Air Quality Management District (AQMD) website. The page is titled "Wilmington, Carson, West Long Beach Community" and is dedicated to the WCWLB community data platform. The website features a navigation bar with links to various sections like Air Quality, Incentive Programs, Rules & Compliance, Permits, News, Webcasts, & Calendar, Technology Advancement, Resources, and Meeting Agendas & Minutes. The main content area includes a description of the platform and a list of links to related resources such as Air Monitoring Data Display, Interactive Data Summaries, Emissions Investigations, and Rule 1180 Community Air Monitoring. A sidebar on the right offers additional links like "YOU MAY ALSO LIKE ..." and "Contact". The South Coast AQMD logo is visible in the bottom right corner.

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

South Coast AQMD

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

Home / About / Initiatives / Environmental Justice / AB 617 / AB 617 Community Air Monitoring / Communities / Wilmington, Carson, West Long Beach Community Air Monitoring

Share:  

Wilmington, Carson, West Long Beach Community

This page is dedicated to the Wilmington, Carson, West Long Beach (WCWLB) community data platform for real-time continuous measurements, interactive data summaries, air monitoring progress reports and the Community Air Monitoring Plan (CAMP).

Air Monitoring Data Display

- Real-time Continuous Measurements
 - Video tutorial for real-time continuous measurements
- Rule 1180 Community Air Monitoring

Interactive Data Summaries

- Time-Integrated Air Monitoring Data Dashboard
- Continuous Air Monitoring Trends Analysis Dashboard
 - Video tutorial for continuous dashboard
- Mobile Monitoring Dashboard

Emissions Investigations

- West Rancho Dominguez Emissions Investigation
 - Hexavalent chromium air monitoring results and a map identifying the sites in

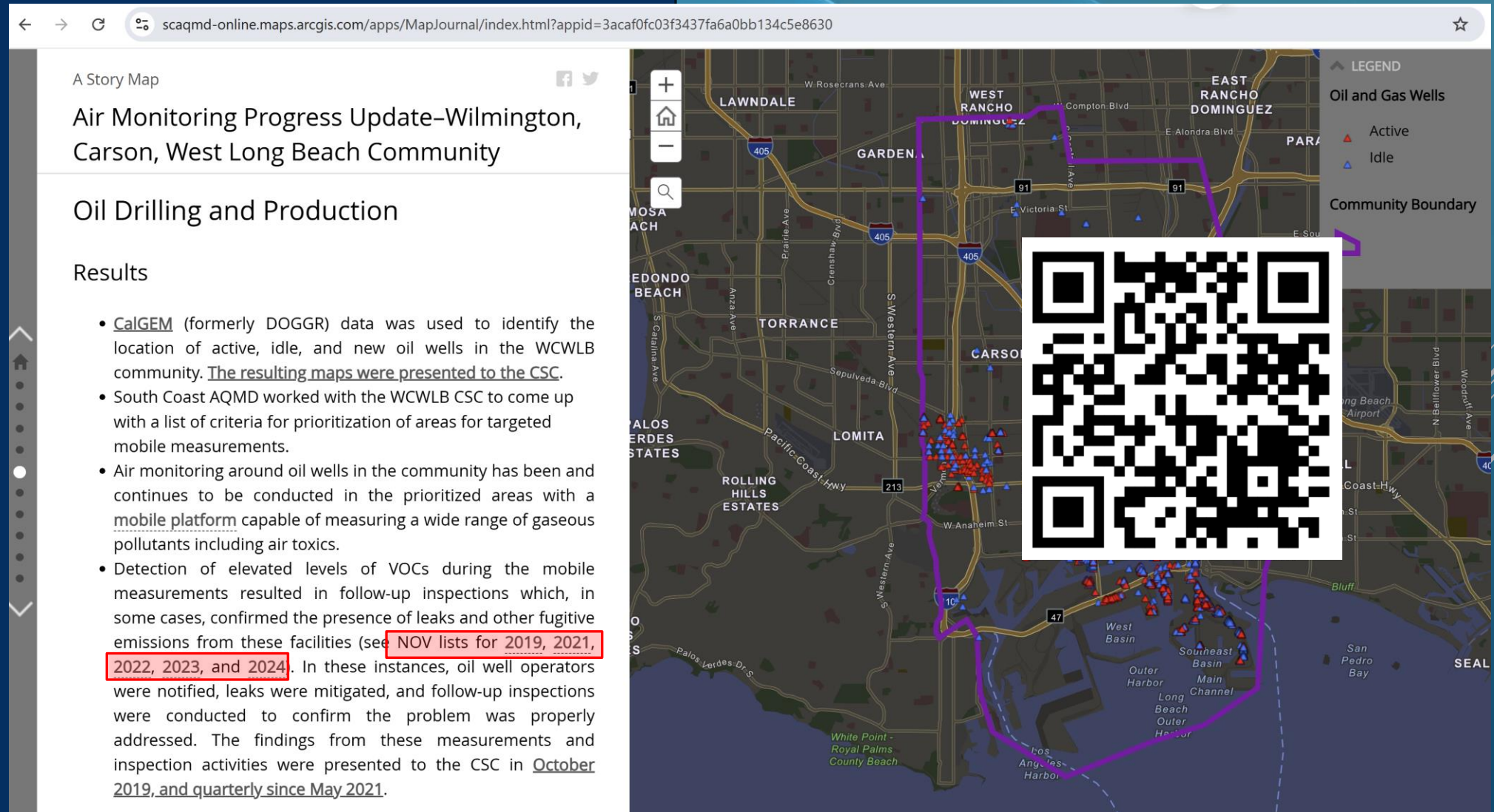
YOU MAY ALSO LIKE ...

- Rule 1180 - Refinery Community and Fenceline Air Monitoring**
 - Rule 1180 Refinery Fenceline Monitoring Plans
- FAQs**
 - Frequently asked questions
- Contact**
 - Contact
- Rule 1180 Community Air Monitoring**
 - Landing page for the Rule 1180
 - Community Air Monitoring Data Display

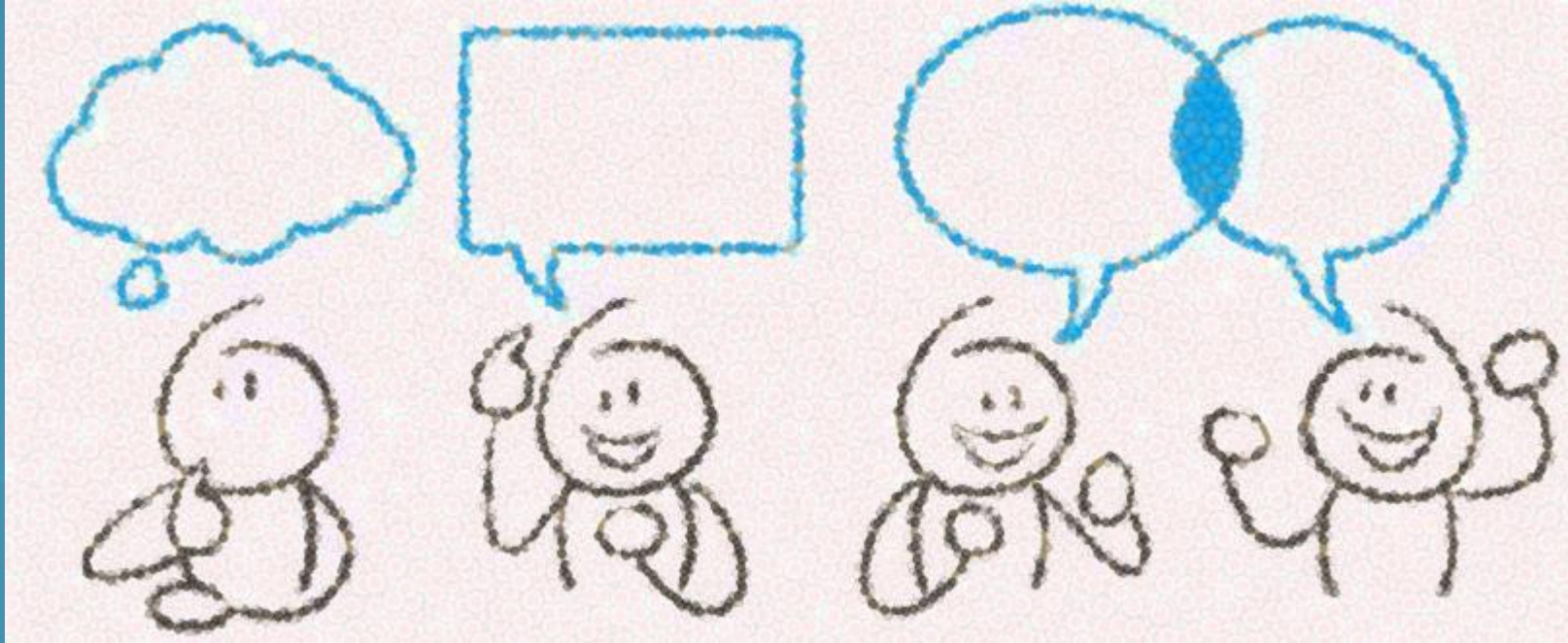
South Coast AQMD

AIR MONITORING STORY MAP

<https://scaqmd-online.maps.arcgis.com/apps/MapJournal/index.html?appid=3acaf0fc03f3437fa6a0bb134c5e8630>



DISCUSSION



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Update on Fumigation Facilities in South Los Angeles County

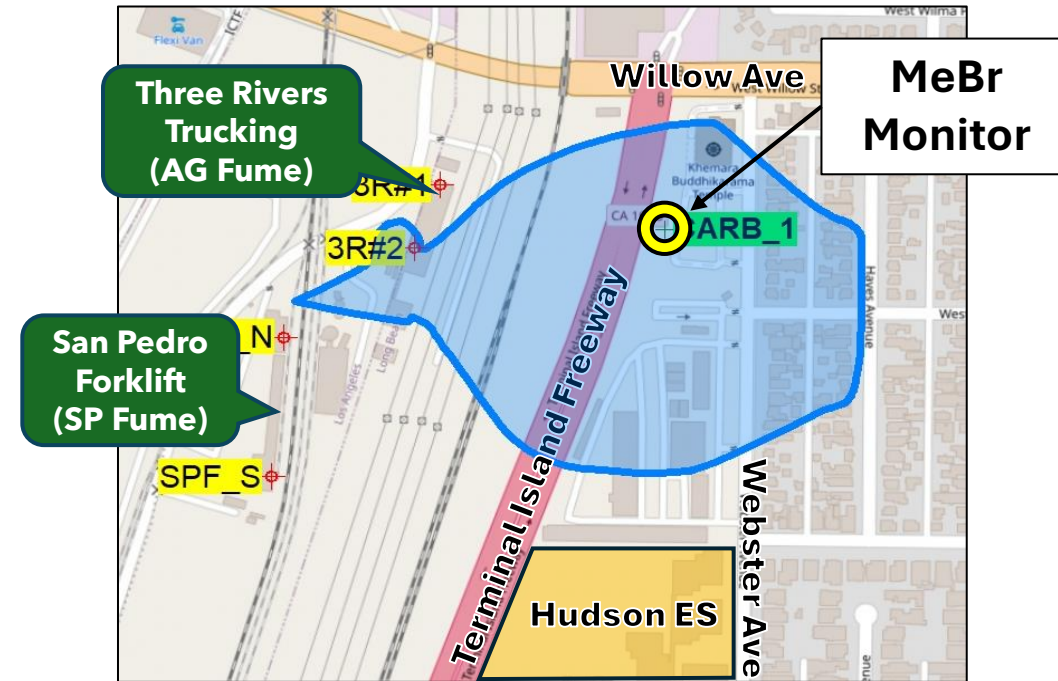
May 15, 2025



Background

- Commodity fumigation is conducted near ports for pest control before and after shipping
- Several fumigants are used, but Methyl Bromide (MeBr) drives health risks from fumigation in LA County
- Initial investigation focused on two large fumigation facilities in West Long Beach and found elevated levels of a MeBr near the facilities
- Held community meetings in January (CARB) and March 2025 (South Coast AQMD)

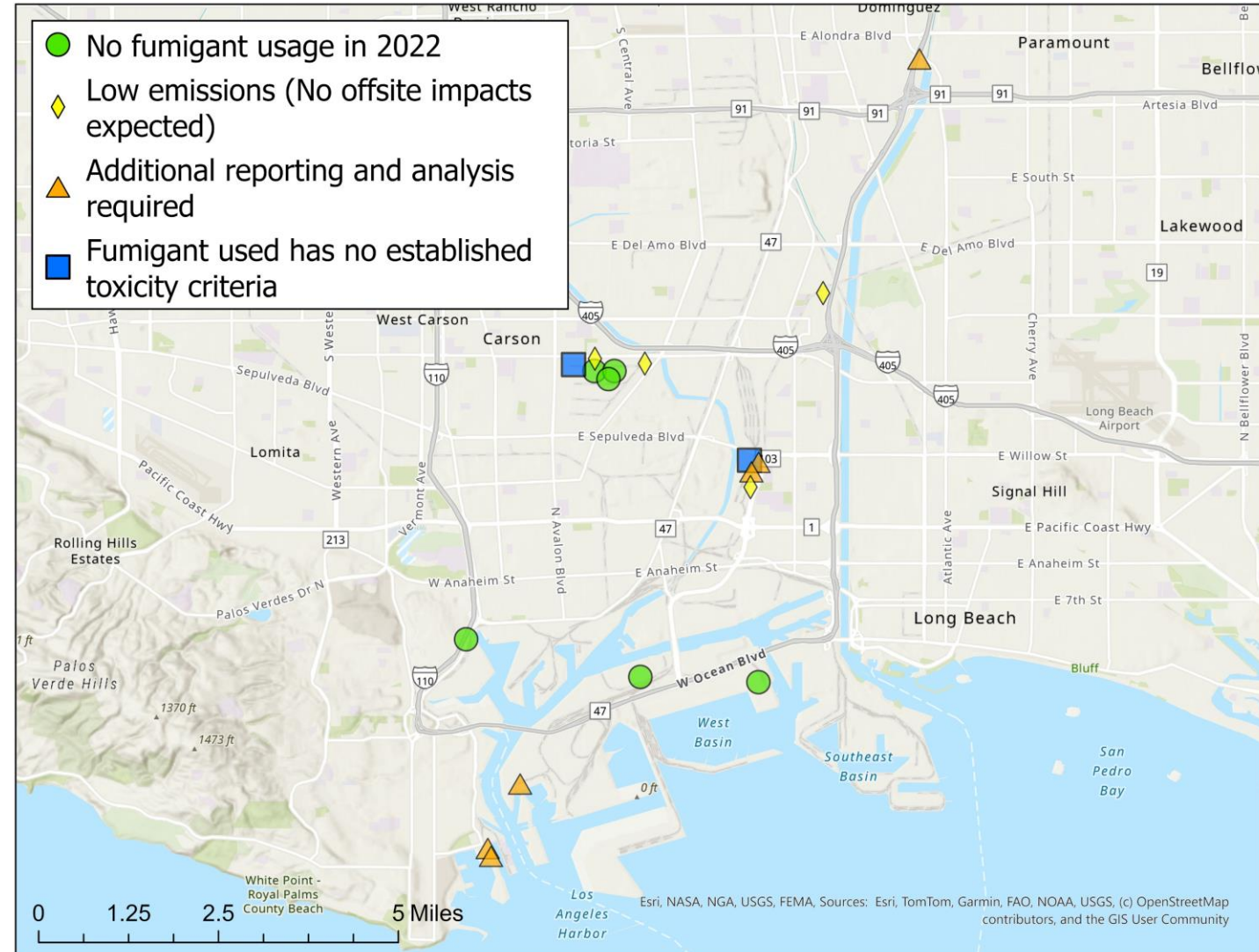
Department of Pesticide Regulation Modeling of Areas Above Reference Exposure Limit From SP Fume and AG Fume 2023-2024 Emissions



Computer modeling indicates that roughly 50 homes are in an area where levels are high enough to potentially cause health effects

Continued Investigation

- South Coast AQMD staff is evaluating risk from fumigation facilities throughout South LA County
- 18 facilities have been identified
- South Coast AQMD staff collected data from LA County Agricultural Commissioner and the facilities
- Preliminary health screening done to identify facilities with potential for offsite impacts



Actions

- LA County Agricultural Commissioner updated permit conditions to reduce exposure at two West Long Beach Facilities
 - Monitoring data collected since these changes were implemented shows reduced risk
- South Coast AQMD brought all 18 facilities into the Air Toxics Hotspots program (AB 2588)
 - Facilities with potential for offsite impacts are required to prepare comprehensive emission reports and may be required to do health risk assessments and risk reduction
 - Multiple site visits completed
 - Four emission reports have been submitted and are under review
- Staff exploring possibility of rule development to address fumigation facilities
- Staff will continue to provide information about these efforts at www.aqmd.gov/fumigation

NEXT STEPS

WHAT WOULD YOU LIKE TO HEAR ABOUT?

Future Announcements

- Newsletters or emails
- Continue CERP implementation

Future Meeting

- Tentatively September 25, 2025 (virtual)
- AQ Priority Updates & Agenda Topics
 - Future Meetings – CSC Suggestions

Public Comment





South Coast Air Quality Management District

AB 617 CSC Onboarding Workshop

Wednesday, July 30, 2025

5:30 – 6:30 PM

Zoom Link:

<https://scaqmd.zoom.us/j/94727872507>

Zoom Webinar ID: 947 2787 2507

Teleconference Dial In: +1 669 900 6833

Spanish Meeting ID: 932 0955 9643

English Meeting ID: 947 2787 2507

South Coast AQMD is hosting a virtual
AB 617 Community Steering Committee (CSC)
onboarding workshop for new and current CSC members
to provide CSC members an opportunity to learn and discuss
CSC procedures and best practices.

Spanish interpretation will be available.
Additional languages available upon request.

For more information, please visit our website at www.aqmd.gov/AB617 or
contact AB 617 Staff at: AB617@aqmd.gov

SAVE THE DATE!

2nd Annual AB 617 Community Engagement Event



Saturday, October 25, 2025



Diamond Bar, CA

South Coast AQMD is hosting an AB 617 Community Meeting for all Community Steering Committee (CSC) members and stakeholders. Developed in collaboration with community members, this day aims to unite communities from across the region to emphasize the importance of improving air quality and increase meaningful engagement between environmental justice communities.

EVENT HIGHLIGHTS:

CELEBRATE COMMUNITY SUCCESSES



INTERACTIVE WORKSHOPS



EXPERT PANELS



NETWORKING OPPORTUNITIES



RESOURCE FAIR

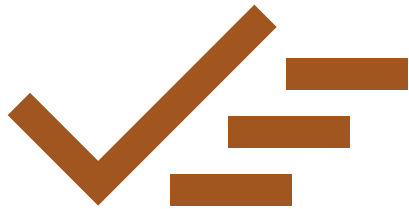


SCAN TO REGISTER!



**BREAKFAST, LUNCH, AND
REFRESHMENTS WILL BE PROVIDED**

AB 617: CSC MEMBERSHIP 2025 / MEMBRESÍA DEL CSC 2025



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*

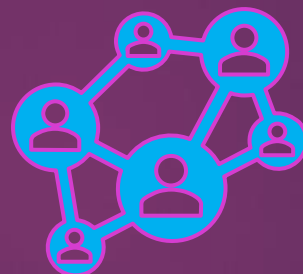


New Applicants / *Nuevos solicitantes*

- ☐ 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-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 909.396.2637

COMMUNITY EVENTS

EVENTOS DE LA COMUNIDAD



Connecting with
our Communities

*Comunicando Con
Nuestras Comunidades*





SOUTH COAST AQMD JOIN THE CLEAN AIR TEAM! NOW HIRING

@SouthCoastAQMD



Positions include Engineers, Inspectors, Chemists, Public Affairs, IT, Clerical and more!

Work For The Leading Air Quality Agency in Southern
California. Make A Difference in People's Lives. Clean the Air
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Benefits



Medical, Dental and
Vision Insurance



Wellness Programs



13 Paid Holidays



Continued
Education
Reimbursement



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www.aqmd.gov/careers

South Coast Air Quality Management District • 21865 Copley Dr. Diamond Bar, CA 91765

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