

# AB 617 COMMUNITY STEERING COMMITTEE

WILMINGTON, CARSON, WEST LONG BEACH  
2023 QUARTERLY MEETING #2

MAY 11, 2023

2:00 – 4:00 PM

ZOOM MEETING LINK

Ryan Stromar

Senior Public Affairs Specialist



# AGENDA



- CSC Member Updates
- Community Emissions Reduction Plan (CERP) Implementation Update
  - LA City Planning: Oil & Gas Drilling Ordinance
  - CARB Oil & Gas Methane Regulation
  - Proposed Amended Rule 1148.2: Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers
- Community Air Monitoring Plan (CAMP) Implementation Update
- Agenda Items for Next Meeting
- Public Comment

AB 617  
WCWLB

CSC Member  
Updates



# Oil and Gas Drilling Ordinance

## Ordenanza de Perforación de Petróleo y Gas

CITYWIDE CODE AMENDMENT | ENMIENDA AL CÓDIGO DE LA CIUDAD

# Ordinance Overview | Descripción General de la Ordenanza

- Adopted December 2, 2022; Effective January 18, 2023
- **Key Provisions**
  - Bans new oil and gas drilling activities citywide
  - Makes existing drilling nonconforming. During phase-out period:
    - Bans maintenance, drilling, re-drilling, and deepening
    - Exception for activities relating to preventing threats to health, safety, and the environment as determined by the Zoning Administrator
- Adoptado el 2 de diciembre de 2022; Efectivo el 18 de enero de 2023
- **Disposiciones clave**
  - Prohíbe nuevas actividades de perforación de petróleo y gas en toda la ciudad
  - Hace que la perforación existente sea no conforme. Durante el período de eliminación:
    - Prohíbe el mantenimiento, la perforación, la re-perforación y la profundización
    - Excepción para actividades relacionadas con la prevención de amenazas a la salud, la seguridad y el medio ambiente según lo determine el Administrador de Zonificación



# Ordinance Implementation | Implementación de la Ordenanza

- Zoning Administrator’s Interpretation & Zoning Administration Memo

## Memorándum de Interpretación y Administración de Zonificación del Administrador de Zonificación

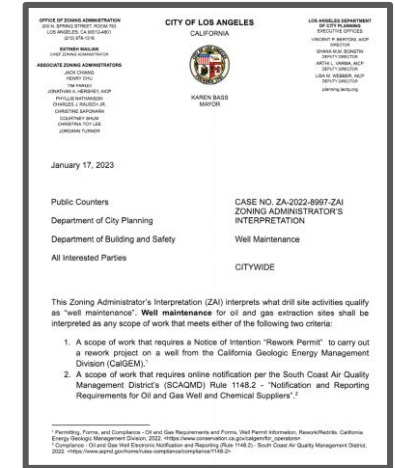
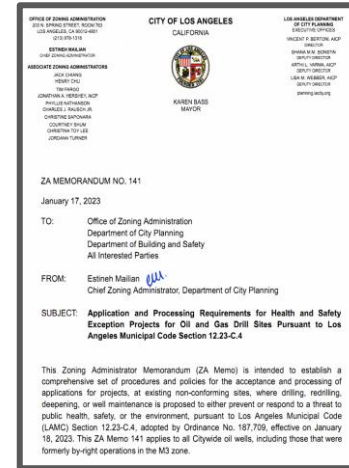
- Proposed Amendments to SCAQMD’s Rule 1148.2

## Enmiendas propuestas a la Regla 1148.2 de SCAQMD

- SCAQMD Compliance and City Regulations

## Cumplimiento de SCAQMD y Reglas de la Ciudad

### Complaints / Quejas



# Thank You

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# Gracias

**CONTACT US:**

planning.oildrilling@lacity.org

**CONTÁCTENOS:**

planning.oildrilling@lacity.org

**OFFICE OF ZONING  
ADMINISTRATION**

Edber Macedo, City Planner

**OFICINA DE ADMINISTRACIÓN DE  
ZONIFICACIÓN**

Edber Macedo, Planificador de la  
Ciudad

**CODE STUDIES SECTION**

Lilian Rubio, City Planner  
Jennifer Torres, Planning Assistant

**SECCIÓN DE ESTUDIOS DE CÓDIGO**

Lilian Rubio, Planificadora de la Ciudad  
Jennifer Torres, Asistente de  
Planificación



# **CARB's Oil and Gas Methane Regulation / Regulación de CARB sobre el Metano del Petróleo y Gas**

May 11, 2023 / 11 de mayo de 2023



# Oil and Gas Methane Regulation / Regulación sobre el Metano del Petróleo y Gas

Adopted in 2017 to  
address methane  
from oil and gas  
facilities /

Adoptado en 2017  
para abordar el  
metano de las  
instalaciones de  
petróleo y gas







Builds off local air district  
rules targeted at volatile  
organic compounds (VOCs)  
/

Se basa en las reglas  
locales del distrito del aire  
dirigidas a los compuestos  
orgánicos volátiles (COV)

CARB and the local air  
districts have collaborated to  
implement the regulation  
since 2018 /

CARB y los distritos de aire  
locales han colaborado para  
implementar la regulación  
desde 2018

# Requirements of the Regulation / Requisitos de la Regulación

-  Leak detection and repair (LDAR) / Detección y reparación de fugas
-  Vapor collection and control / Captación y control de vapores
-  Equipment replacement and repair / Reemplazo y reparación de equipos
-  Emissions measurement / Medición de emisiones
-  Natural gas underground storage facility monitoring / Monitoreo de  
instalaciones de almacenamiento subterráneo de gas natural
-  Recordkeeping and reporting / Mantenimiento de registros e informes

# CARB & SCAQMD Rule Applicability / Aplicabilidad de la Regulación en SCAQMD

- CARB's Regulation in the SCAQMD /  
La regulación de CARB en la área de SCAQMD
  - Oil & Gas components and equipment handling  $\leq$  10% VOCs /  
Manejo de componentes y equipos de petróleo y gas < 10 % de COVs
  - SoCalGas' Underground Storage Facilities and Transmission Compressor Stations /  
Instalaciones de almacenamiento subterráneo y estaciones de compresores de transmisión de SoCalGas
- SCAQMD's Rules / Las reglas del SCAQMD
  - All other sources / Todas las demás fuentes
- SCAQMD enforcing CARB's Regulation via MOA /  
SCAQMD se hara cargo del cumplimiento con la regulación de CARB a través de un acuerdo mutuo (MOA)

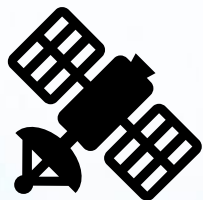
# Proposed Amendments / Enmiendas Propuestas



Meet State Implementation Plan (SIP) Requirements /  
Cumplir con los Requisitos del Plan de Implementación Estatal (SIP, por  
sus siglas en ingles)



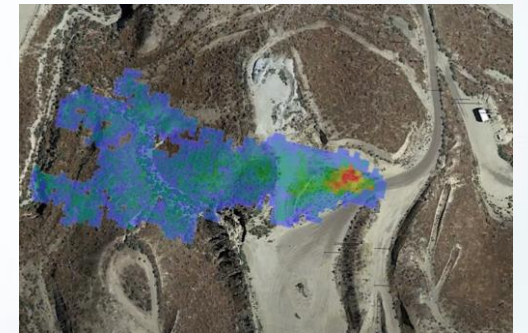
Apply Implementation Experience /  
Aplicar la Experiencia Adquirida Durante la Implementación



Utilize Remote Emission Plume Monitoring Data /  
Utilizar los Datos del Monitoreo Remoto sobre las Plumas de Emisiones

# Remotely Detected Emission Plumes / Plumas de Emisión Detectadas Remotamente

- Proposal / Propuesta
  - Owners or operators must investigate and repair the source of satellite-detected emission plumes reported to them by CARB /  
Los propietarios y operadores deben encontrar y reparar la fuente de las columnas de emisión detectadas por satélite que CARB les muestre



Source: Carbon Mapper  
([upper](#)) ([lower](#))

# Remotely Detected Emission Plumes / Plumas de Emisión Detectadas Remotamente

- Importance to WCWLB community /  
Importancia para la comunidad WCWLB
  - Will help mitigate high emitting sources sooner than they would otherwise be found / Esto ayudará a mitigar las fuentes de alta emisión antes de como se encontraban por otras formas
  - Will detect large leaks from all oil and gas sources, including leaking orphan wells and heavy oil wells / Detectará grandes fugas de todas las fuentes de petróleo y gas, incluidas las fugas de pozos huérfanos y pozos de petróleo pesado

# Next Steps and Important Dates / Próximos Pasos y Fechas Importantes

- Proposal released on April 25, 2023 /  
Propuesta publicada el 25 de abril de 2023
- Written comments accepted through June 12, 2023 /  
Comentarios escritos serán aceptados hasta el 12 de junio de 2023
- Board encourages public to contact staff with suggested changes before hearing /  
La Junta de CARB le encomia al público a comunicarse con el personal con sus cambios sugeridos antes de la fecha de la audiencia
- CARB Board Hearing on June 22, 2023 /  
La audiencia con la Junta de CARB será el 22 de junio de 2023
  - Oral or written comments can be presented at Board Hearing / Comentarios orales o escritos se pueden presentar en la audiencia de la Junta

# Contact Information / Para Contactarse con Nosotros

- Oil and Natural Gas Production, Processing, and Storage /  
Producción, Procesamiento y Mitigación de Petróleo y Gas  
[oilandgas@arb.ca.gov](mailto:oilandgas@arb.ca.gov)
- Join listserv / Para recibir información por correo electrónico  
[https://public.govdelivery.com/accounts/CARB/subscriber/new?topic\\_id=oil-gas](https://public.govdelivery.com/accounts/CARB/subscriber/new?topic_id=oil-gas)
- Rulemaking webpage / Página Internet sobre la Regulación  
<https://ww2.arb.ca.gov/rulemaking/2023/oil-and-gas-2023>





## **Rule Update**

### **Proposed Amended Rule 1148.2:**

Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers

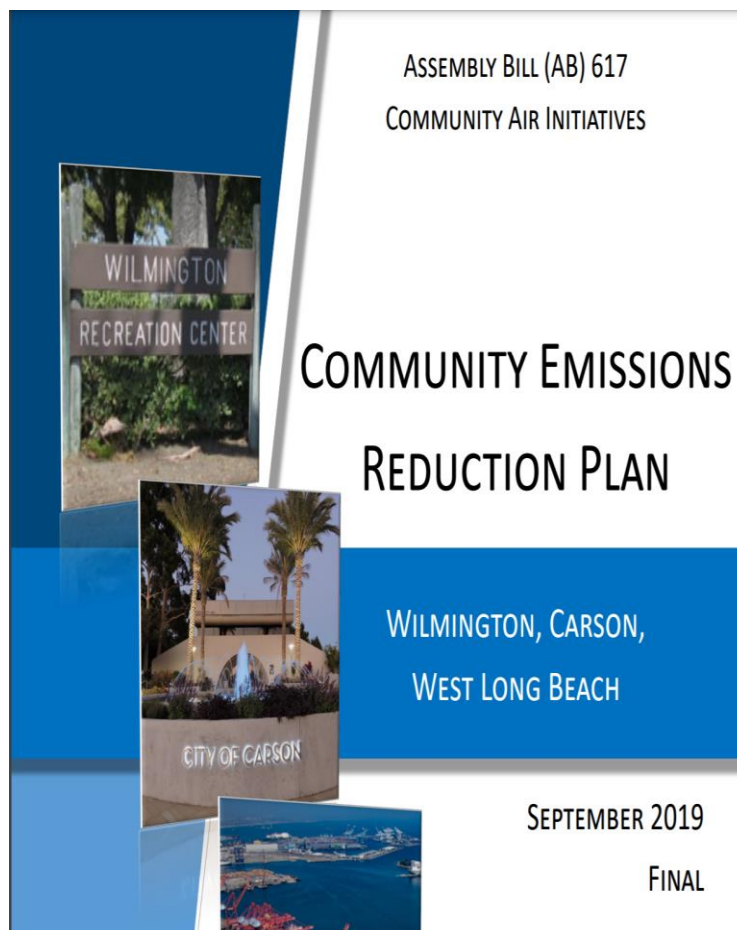
## **Actualización de la Regla**

### **Regla Modificada Propuesta 1148.2:**

Requisitos de Notificación y Presentación de Informes para Pozos de Petróleo y Gas y Proveedores de Productos Químicos

**AB617 Wilmington, Carson, West Long  
Beach Meeting  
May 11, 2023**

- Wilmington, Carson, West Long Beach communities identified actions related to oil and gas well activity in their Community Emission Reduction Plan (CERP)
- Amended Rule 1148.2 addresses the following CERP actions:
  - Expanding notification requirements
  - Reporting requirements
  - Link to health effects information on notice



- Comunidades de Wilmington, Carson y West Long Beach identificó acciones relacionadas con la actividad de pozos de petróleo y gas en su Plan de Reducción de Emisiones Comunitarias (CERP)
- La regla modificada 1148.2 aborda las siguientes acciones del CERP:
  - Ampliación de los requisitos de notificación
  - Los requisitos de información
  - Enlace a información sobre efectos en la salud en el aviso

# Amendments to Rule 1148.2

## New notification requirements for:

- Acidizing of injection wells
- Workover rigs with engines that do not use Tier 4 Final diesel engines or non-combustion power sources
- Chemical treatment trucks



Example of a Workover Rig

Ejemplo de una plataforma de reacondicionamiento

# Modificaciones a la Regla 1148.2

## Nuevos requisitos de notificación para:

- Acidificación de pozos de inyección
- Equipos de reacondicionamiento con motores que no utilizan motores diésel Tier 4 Final o fuentes de energía sin combustions
- Camiones de tratamiento químico



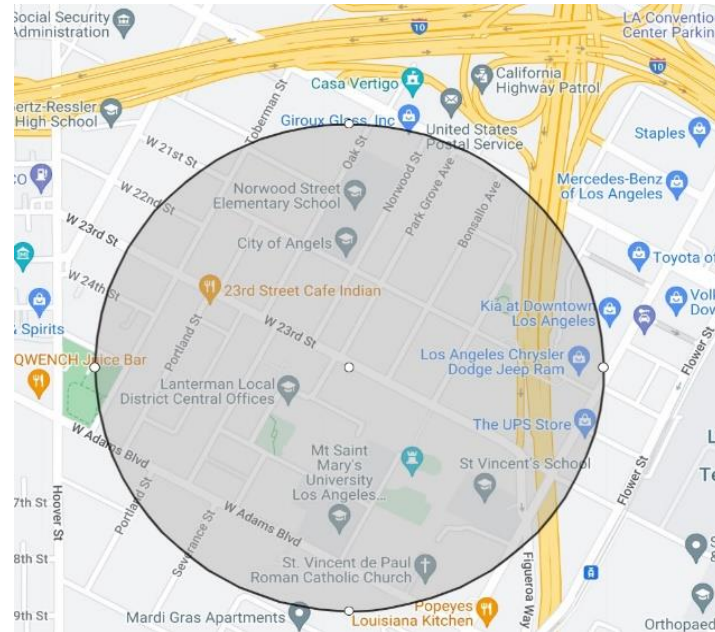
Example of an Injection Well

Ejemplo de un pozo de inyección

# Hardcopy Notifications for Acidizing

# Notificaciones Impresas para Acidificación

- Community stakeholders requested hardcopy notifications for acidizing because some impacted community members may not have electronic access to notification portal
- Hardcopy notification requirements for all acidizing operations:
  - Notification in English and Spanish
  - Mailed at least 10 days prior to acidizing event
  - Distributed to residents within 1,500 feet of acidizing operation



- Las partes interesadas de la comunidad solicitaron notificaciones impresas por acidificación porque algunos miembros de la comunidad afectados pueden no tener acceso electrónico al portal de notificación
- Requisitos de notificación en papel para todas las operaciones de acidificación:
  - Notificación en inglés y español
  - Enviado por correo al menos 10 días antes del evento de acidificación
  - Distribuido a los residentes dentro de los 1500 pies de la operación de acidificación

# Notification Timeline Updates

Revise notification requirements for:

- Notification of well activities made 72 hours prior to start (increased from 48 hours)
- Reduced number of allowable extensions to delay well working activity after initial notification from five to three



## Actualizaciones de la Línea de Tiempo de Notificaciones

Revisar los requisitos de notificación para:

- Notificación de actividades de pozo realizadas 72 horas antes del inicio (aumentado de 48 horas)
- Número reducido de extensiones permitidas para retrasar la actividad de trabajo del pozo después de la notificación inicial de cinco a tres

- Rule 1148.1 covers reduction of VOC emissions and handling of gas and oil production sites
- Additional concerns regarding Rule 1148.1 to be addressed in future rulemaking including:
  - Monitoring
  - Zero-emission equipment
  - Odorant use
- Rule 1148.1 scheduled to be amended in 2023



- La regla 1148.1 cubre la reducción de las emisiones de COV y el manejo de los sitios de producción de gas y petróleo
- Inquietudes adicionales con respecto a la Regla 1148.1 que se abordarán en futuras reglamentaciones, incluyendo:
  - Monitoreo
  - Equipos de cero emisiones
  - Uso de odorantes
- Regla 1148.1 programada para ser enmendada en 2023

# Next Steps

- New rule requirements will be effective on July 1, 2023
- Currently beta testing electronic portal for the new reporting requirements
- First Working Group Meeting for Rule 1148.1 held April 20, 2023
- Proposed Amended Rule 1148.1 scheduled to be heard by the Governing Board in 2023

# Próximos Pasos

- Los nuevos requisitos de la regla 1148.2 entrarán en vigencia el 1 de julio de 2023
- Portal electrónico de prueba actualmente beta para los nuevos requisitos de informes
- Primera Reunión del Grupo de Trabajo para la Regla 1148.1 celebrada el 20 de abril de 2023
- Regla modificada propuesta 1148.1 programada para ser escuchada por la Junta de Gobierno en 2023

To Sign Up for Notifications please go here :

<https://www.aqmd.gov/home/rules-compliance/compliance/1148-2>

Proposed rule page:

<http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules>

Para registrarse para recibir notificaciones, vaya

aquí: <https://www.aqmd.gov/home/rules-compliance/compliance/1148-2>

Página de reglas propuestas:

<http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules>

## Contacts/Contactos:



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# COMMUNITY AIR MONITORING PLAN IMPLEMENTATION UPDATE

**PAYAM PAKBIN, Ph.D.**  
ATMOSPHERIC MEASUREMENTS  
MANAGER

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**OLGA PIKELNAYA Ph.D.**  
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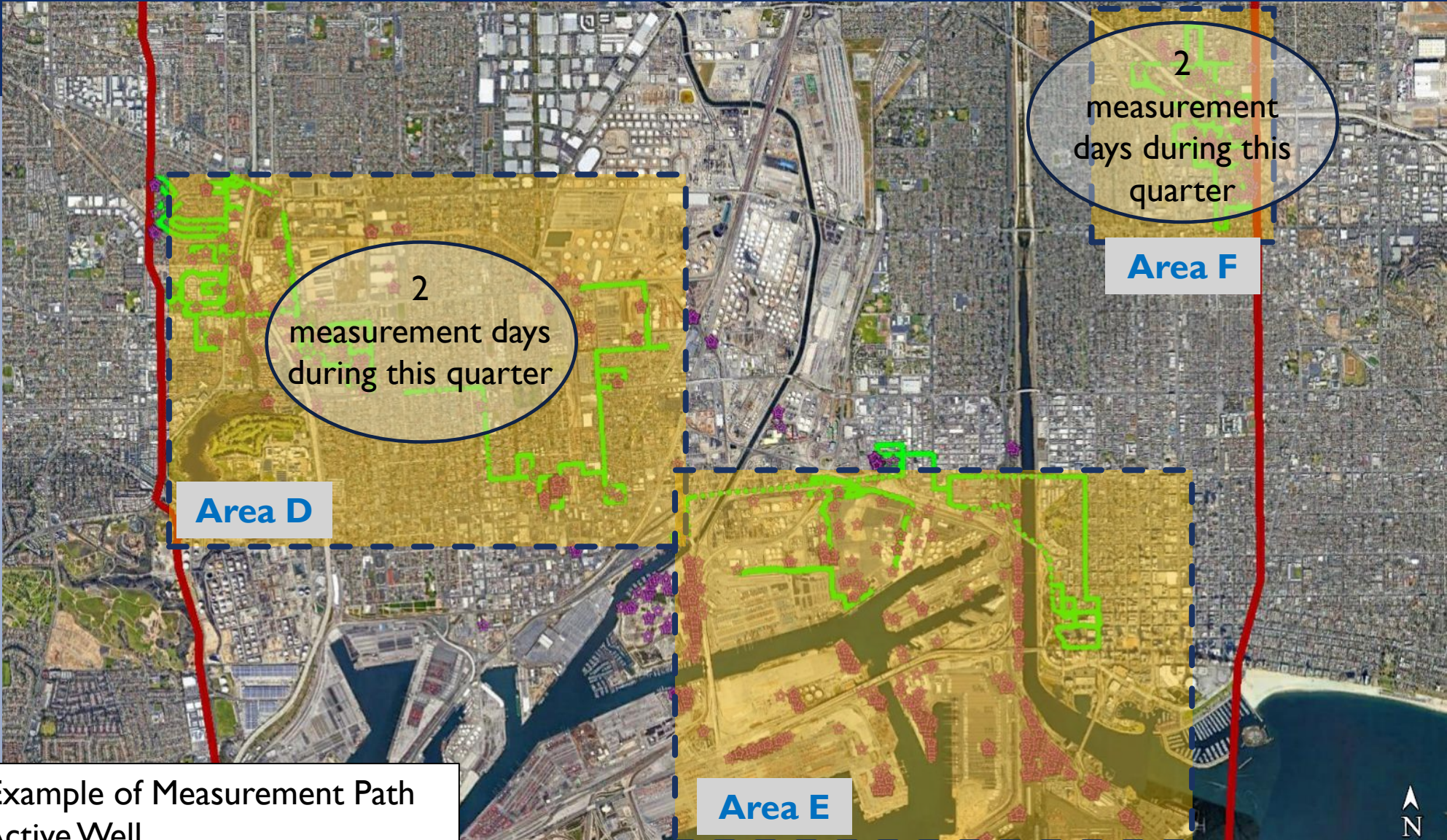
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# OUTLINE

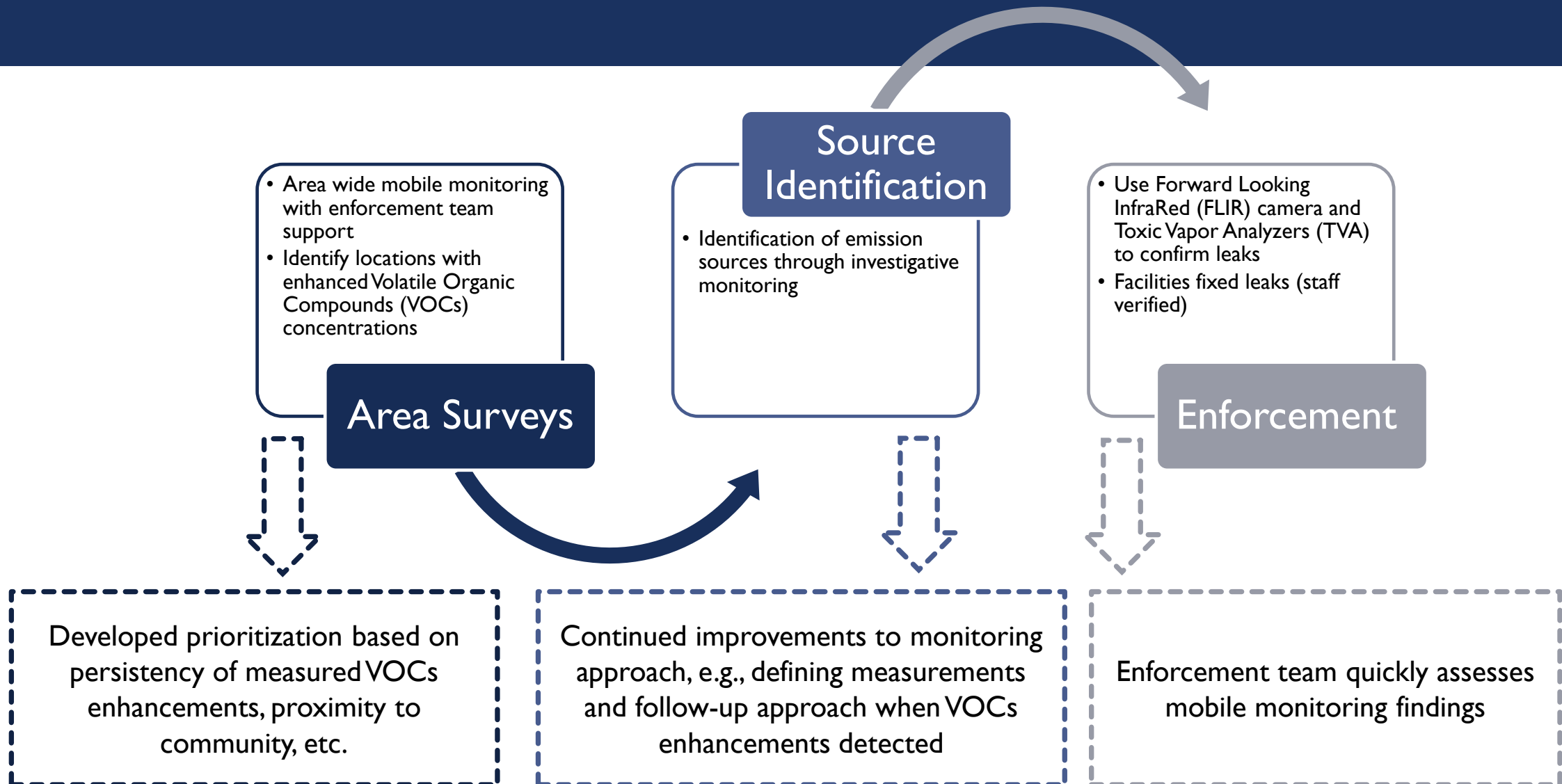
- 
- Oil Wells mobile monitoring update
  - Community air monitoring data portal tutorial



# OIL WELLS IN THIS COMMUNITY



# AIR MONITORING ACTIVITIES NEAR OIL WELLS



# MOBILE MEASUREMENTS NEAR OIL WELLS FEBRUARY – APRIL 2023

Dates	Surveyed Area / Purpose / Findings	Compliance Activities
April 5 <sup>th</sup> , 2023	<p style="text-align: center;">Areas F and D</p> <p style="text-align: center;">Follow-up on locations with previously measured VOC enhancements</p> <p style="text-align: center;">VOC enhancements were detected at three locations</p>	<p style="text-align: center;">Three inspections No NOVs issued</p>
April 12 <sup>th</sup> , 2023	<p style="text-align: center;">Area D</p> <p style="text-align: center;">Complete area survey and follow-up on locations with previously measured VOC enhancements</p> <p style="text-align: center;">No VOC enhancements detected</p>	<p style="text-align: center;">No inspections No NOVs issued</p>
April 19 <sup>th</sup> , 2023	<p style="text-align: center;">Area F</p> <p style="text-align: center;">Complete area survey and follow-up on locations with previously measured VOC enhancements</p> <p style="text-align: center;">VOC enhancements were detected at two locations</p>	<p style="text-align: center;">Two inspections One NOV issued</p>

VOC = Volatile Organic Compounds

NOV = Notice of Violation



# AIR MONITORING IN THIS COMMUNITY

- Continuous air monitoring at fixed community stations
- Continuous fenceline air monitoring at five major refineries in this community
- Quarterly mobile oil wells surveys
- Other air monitoring activities
  - Special monitoring in response to pollution events (e.g., Dominguez Channel Odor Event)
  - Coordinated air monitoring with other agencies (e.g., CARB at Drumm Avenue)



# WHERE TO ACCESS UPDATES AND AIR MONITORING DATA / INFO



WCWLB monitoring webpage provides access to real-time air quality data, CAMP documents, and air monitoring progress reports:

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

A screenshot of the South Coast AQMD website. The page title is "Wilmington, Carson, West Long Beach Community". The main content area contains a heading "Wilmington, Carson, West Long Beach Community" and a paragraph stating: "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)." Below this, there are three main sections: "Air Monitoring Data Display" with links for "Real-time Continuous Measurements" (including a video tutorial) and "Rule 1180 Community Air Monitoring"; "Interactive Data Summaries" with links for "Time-Integrated Air Monitoring Data Dashboard", "Continuous Air Monitoring Trends Analysis Dashboard" (including a video tutorial), and "Mobile Monitoring Dashboard"; and "Emissions Investigations" with links for "West Rancho Dominguez Emissions Investigation", "Dominguez Channel Odor Event Investigation", and "Parter Emissions Investigation". At the bottom, there is a section for "Community Air Monitoring Plan (CAMP) Implementation Update" with a link for "Air Monitoring Progress Update - Story Map (2023) New!". On the right side, there is a "YOU MAY ALSO LIKE ..." section with links for "Rule 1180 - Refinery Community and Fenceline Air Monitoring", "FAQs", "Contact", and "Rule 1180 Community Air Monitoring". The website header includes the South Coast AQMD logo and navigation menus for "AIR QUALITY", "INCENTIVE PROGRAMS", "RULES &amp; COMPLIANCE", "PERMITS", "NEWS, WEBCASTS, &amp; CALENDAR", "TECHNOLOGY ADVANCEMENT", "RESOURCES", and "MEETING AGENDAS &amp; MINUTES".

# INTERACTIVE PROGRESS UPDATE

- CAMP Implementation Updates
- Fixed Monitoring
- Mobile Monitoring
- Emissions Investigations
- Click the link below to access the data display tool and tutorial:

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

If you have questions and/or comments, please contact:  
Payam Pakbin [ppakbin@aqmd.gov](mailto:ppakbin@aqmd.gov)

A Story Map

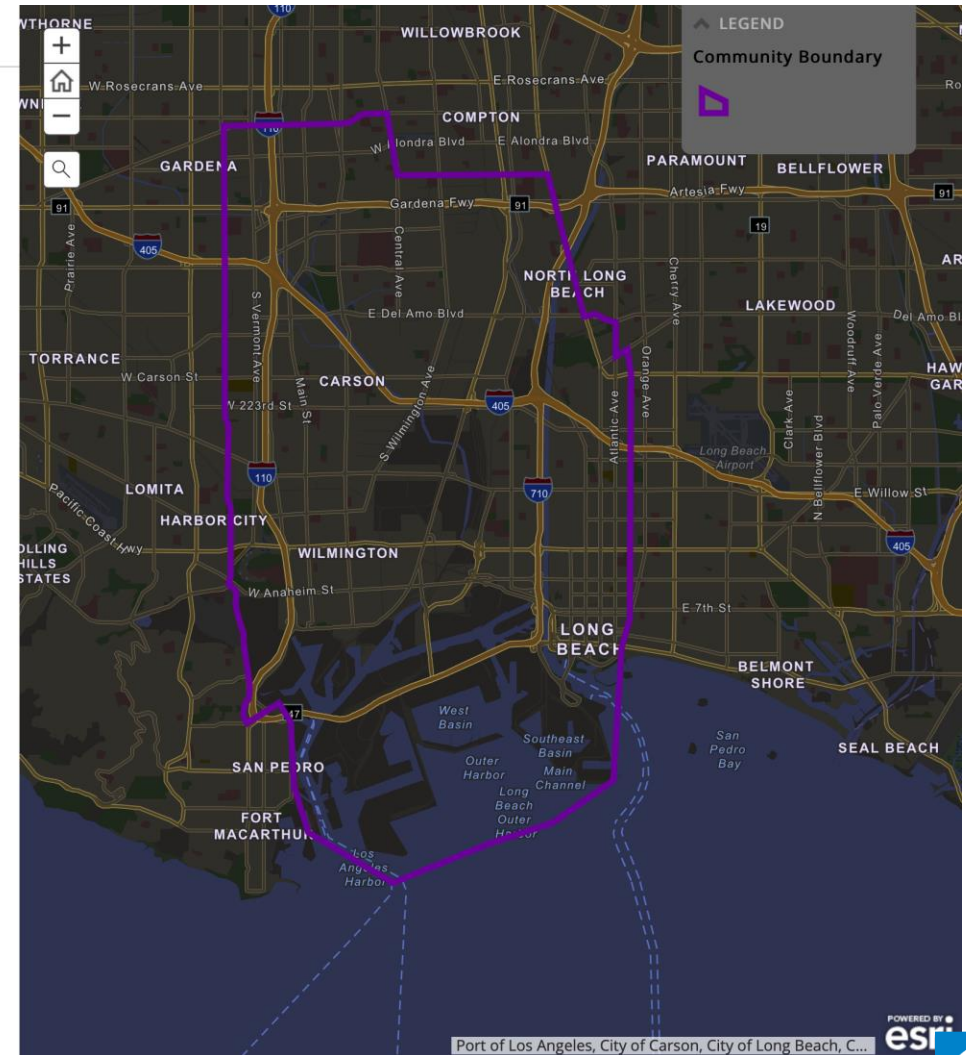


## Air Monitoring Progress Update- Wilmington, Carson, West Long Beach Community

An interactive illustration of AB 617 monitoring activities in the Wilmington, Carson, West Long Beach community

*(for more information click on the underlined text)*

South Coast AQMD has been conducting community air monitoring in the Wilmington, Carson, West Long Beach (WCWLB) community since July 1st, 2019 as part of its AB 617 program. The air monitoring strategies, including locations and types of pollutants monitored, were determined through close collaboration with the WCWLB Community Steering Committee (CSC) during the development of the Community Emission Reduction Plan (CERP) and the Community Air Monitoring Plan (CAMP). The CAMP supports the actions and the goals



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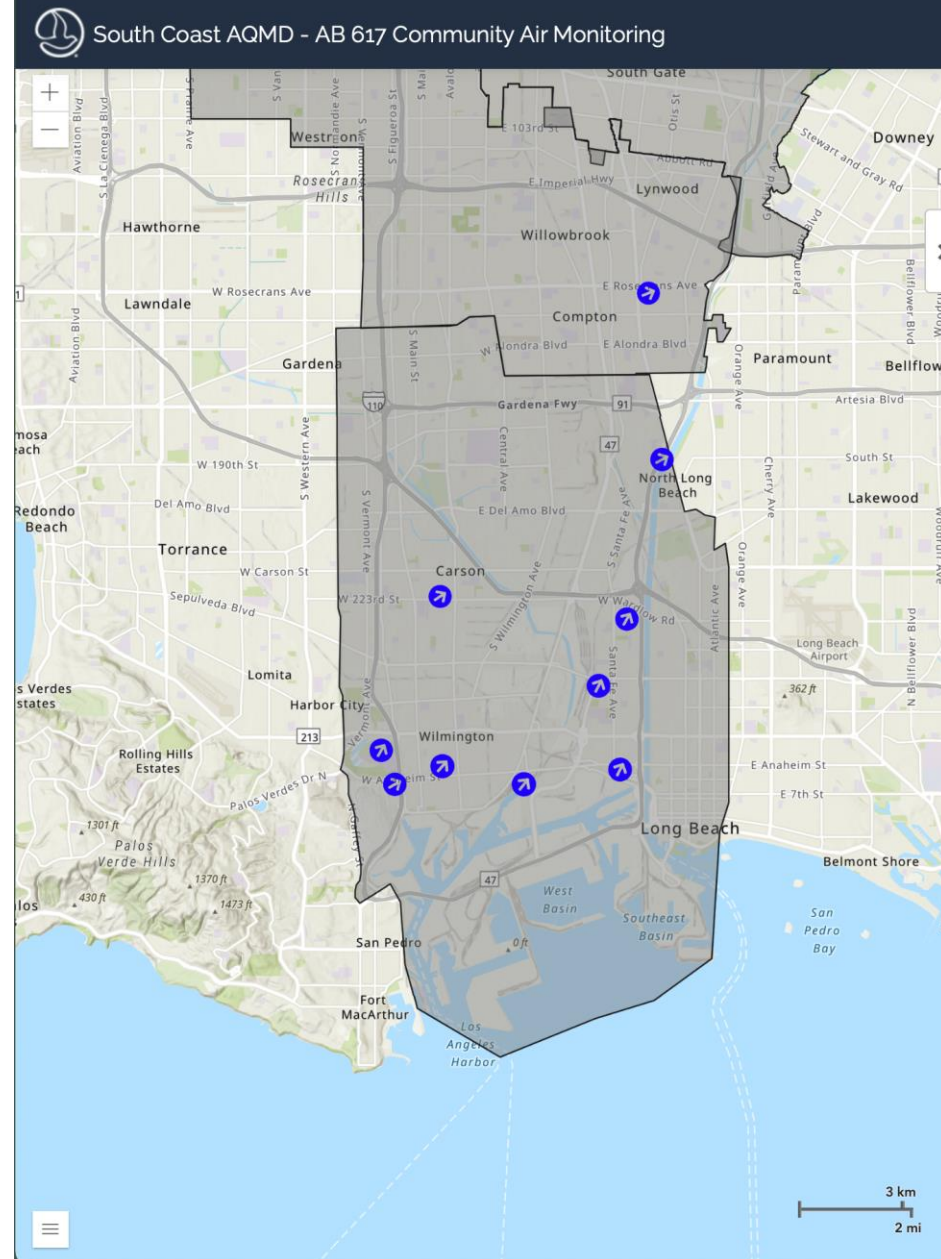


# REAL-TIME CONTINUOUS MEASUREMENTS

- Provides real time data access
- Tutorial video has been posted online
- Click the link below to access the data display tool and tutorial:

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

If you have questions and/or comments, please contact:  
Payam Pakbin [ppakbin@aqmd.gov](mailto:ppakbin@aqmd.gov)



Air Quality Concerns Data Summary & Reports

## WILMINGTON, CARSON, WEST LONG BEACH COMMUNITY (WCWLE)

This community adjacent to the ports has among the highest diesel particulate matter levels in the South Coast Air Basin, primarily due to emissions from goods movement activities, including rail yards. In addition, this area includes several major petroleum refineries.

### MONITORING STATION INFO

710 Near Road Air Monitoring Station  
South Coastal Near Road Los Angeles

[Historical Search](#)

### Nitric Oxide (NO)

<b>49</b> ppb	Average <b>Previous Hour</b> State Standard - N/A Federal Standard - N/A	
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<b>14</b> ppb	Average <b>Previous 24 Hours</b> State Standard - N/A Federal Standard - N/A	
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### Nitrogen Dioxide (NO<sub>2</sub>)

<b>36</b> ppb	Average <b>Previous Hour</b> State Standard - 180 ppb (0.18 ppm) Federal Standard - 100 ppb	
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<b>17</b> ppb	Average <b>Previous 24 Hours</b> State Standard - N/A Federal Standard - N/A	
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### Oxides of Nitrogen (NO<sub>x</sub>)

<b>85</b> ppb	Average <b>Previous Hour</b> State Standard - N/A Federal Standard - N/A	
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<b>31</b> ppb	Average <b>Previous 24 Hours</b> State Standard - N/A	
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South Coast  
AQMD

# CONTINUOUS TRENDS ANALYSIS DASHBOARD

- Allows user to analyze and summarize trends in the continuous data
- Tutorial video has been posted online
- Click the link below to access the dashboard and tutorial:

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

If you have questions and/or comments, please contact:  
Payam Pakbin [ppakbin@aqmd.gov](mailto:ppakbin@aqmd.gov)

**AB 617**  
Continuous Air Monitoring Trends Analysis Dashboard

Map of AB 617 Air Monitoring Sites with Continuous Monitors

Community Boundary  
Air Monitoring Site

Step 1: Select a Station  
710 Near Road (WCWLB)

Step 2: Select a Pollutant  
Black carbon

Generate Plots

Hourly Concentrations of BC at 710 Near Road (WCWLB)

Concentration (ng/m<sup>3</sup>)

May 1, 19 Sep 1, 19 Jan 1, 20 May 1, 20 Sep 1, 20 Jan 1, 21 May 1, 21 Sep 1, 21 Jan 1, 22 May 1, 22 Sep 1, 22 Jan 1, 23 May 1, 23

South Coast AQMD

# SURVEY



Would you like to see more video demonstrations in the future?



Have you previously seen the Interactive Progress Update (Story Map)?



Have you previously used these data access/analysis tools?



If you answered "no" to the previous two questions, please specify the reason.

# DISCUSSION

- Comments, Questions, Concerns?

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# NEXT STEPS

## Future Announcements

- Newsletters or emails
- Continue CERP implementation

## Future Meeting

- Tentatively August 10, 2023 (virtual)
- AQ Priority Updates & Agenda Topics
  - What would you like to hear about?

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# Public Comment





# JOIN THE CLEAN AIR TEAM!

## *¡ÚNETE AL EQUIPO DE AIRE LIMPIO!*



# APPLY ONLINE

## *APLICA EN LINEA*

[www.aqmd.gov/careers](http://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 días/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*

# SOUTH COAST AQMD CONTACTS: WCWLB



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