

AB 617: SAN BERNARDINO / MUSCOY

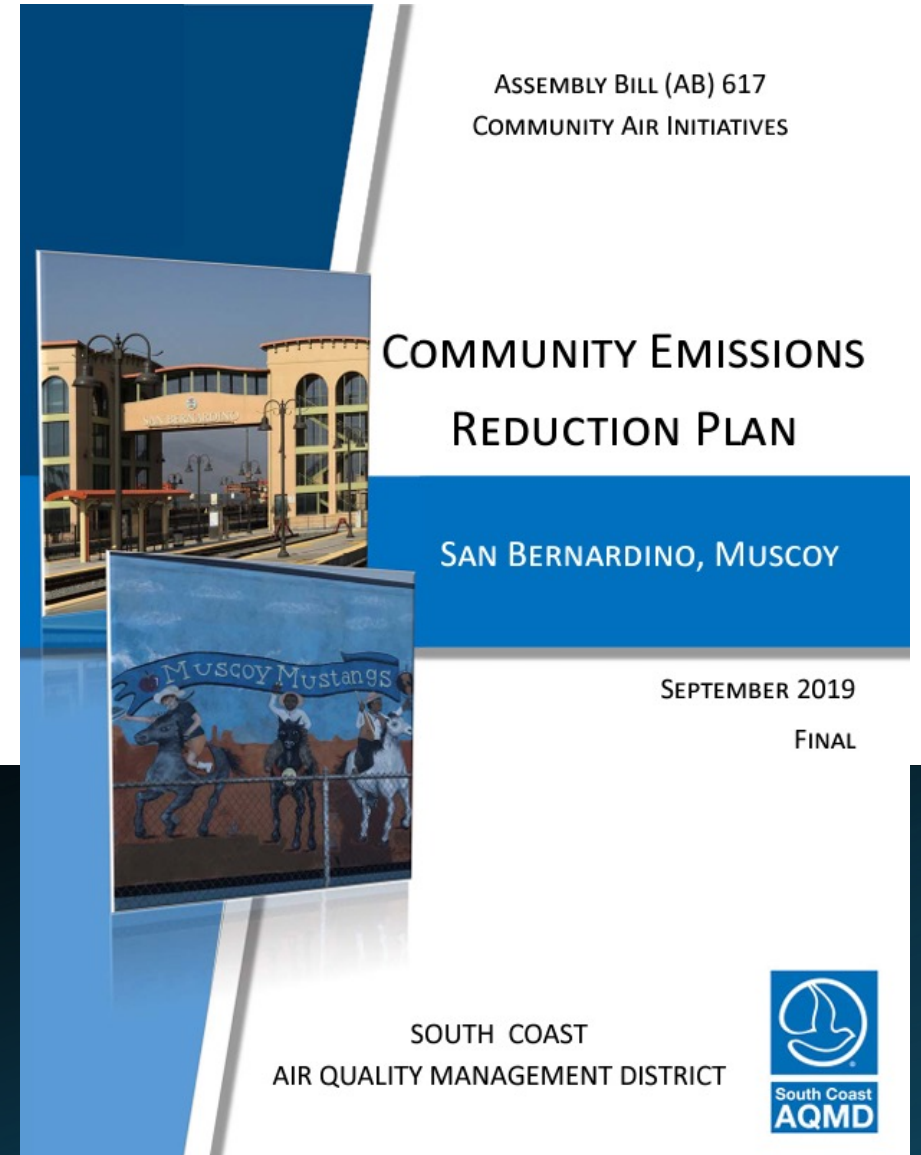
June 20, 2024

20 de junio del 2024

**CSC MEMBER UPDATES /
ACTUALIZACIONES DE MIEMBROS DEL CSC**

**CSC Member Updates /
Actualizaciones de miembros del CSC**

Community Emission Reductions Plan (CERP) Implementation Update for Completed Objectives



Completed CERP Objectives – Background

- **Purpose:** Provide update on all SBM CERP* objectives completed



* <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/cerp/carb-submittal/final-cerp.pdf?sfvrsn=9>

CERP Framework



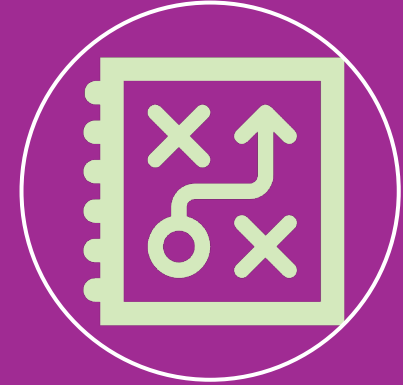
Six Air Quality Priorities

- Identified by the Community Steering Committee (CSC)



Goals

- Reduce emissions
- Reduce exposure



Strategies

- Rules and Regulations
- Enforcement
- Air Monitoring
- Collaboration
- Incentives
- Public Information and Outreach

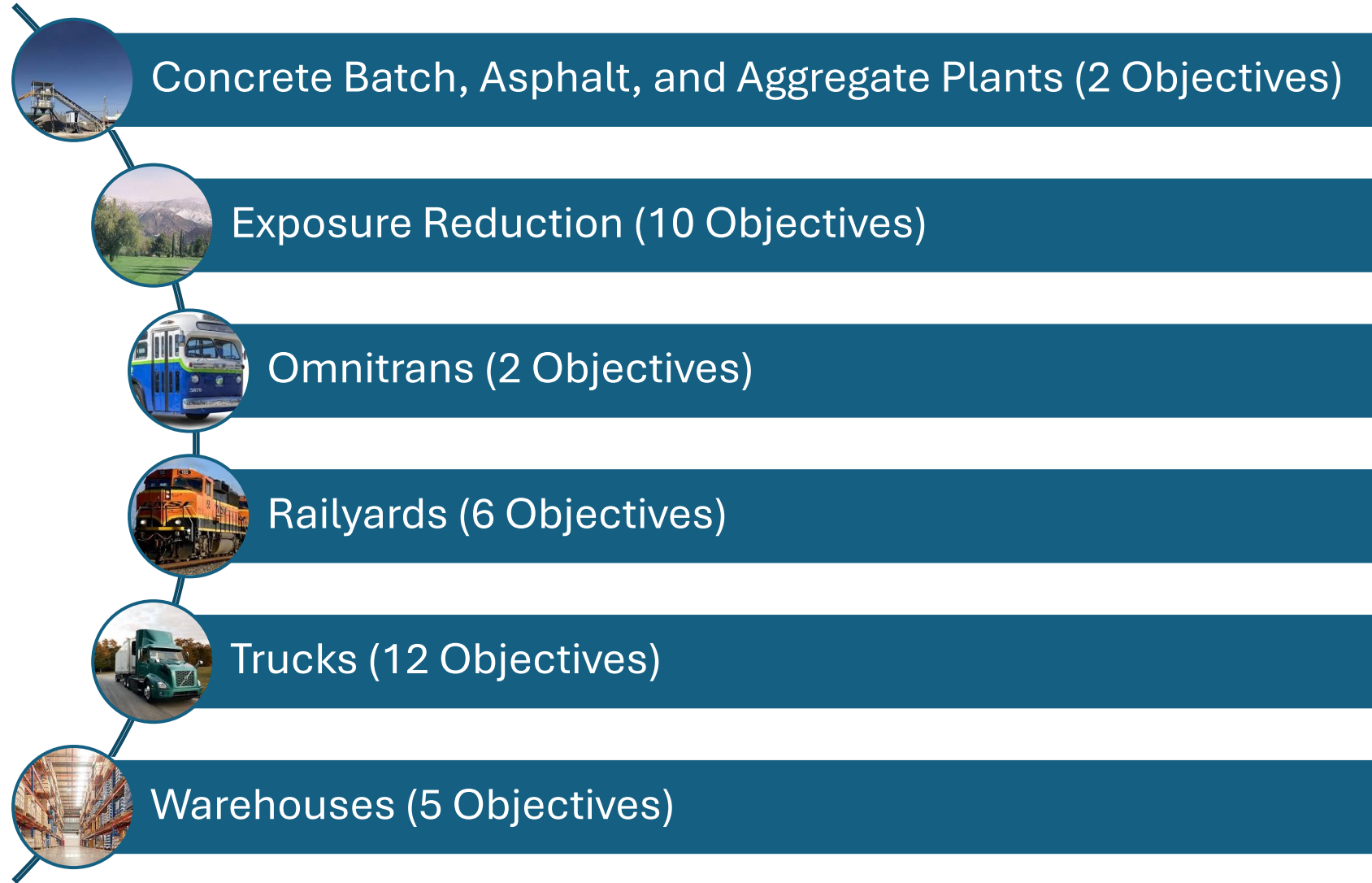
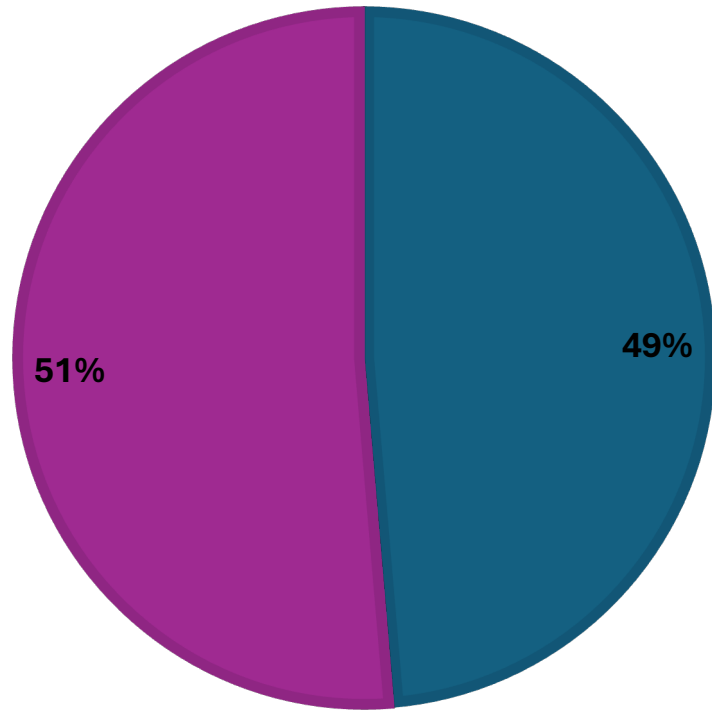
37 CERP Objectives

Air Quality Priorities and Overall Implementation

CERP Implementation Status

UPDATED MARCH 31, 2024

■ Completed ■ Ongoing



AIR QUALITY PRIORITIES / PRIORIDADES DE CALIDAD DEL AIRE TRUCKS / CAMIONES

Completed CERP Objective / Objetivos CERP completados:

- Targeted Truck Replacement, Objective #: **SBM-5b-03**
Reemplazo de camiones, Objetivo #: SBM-5b-03



Air Quality Priority: Trucks

Targeted Truck Replacement, Objective #: SBM-5b-03



Objective

Based on Automated License Plate Reader (ALPR) data, begin targeted outreach to owners of older dirtier trucks that frequently travel through this community to provide information on incentive programs and update the CSC



Metrics

- Use ALPR systems and existing traffic information to collect data on truck traffic
- Contact owners of older, higher polluting trucks and provide them with incentive opportunities for truck replacement
- Update CSC



Timeline

Start:
3rd Quarter (Q3),
2019

Complete:
2nd Quarter (Q2),
2024

Air Quality Priority: Trucks

Targeted Truck Replacement (SBM-5b-03) Detailed Status

Collect data on truck traffic

- ALPR Pilot Study conducted in five locations within the SBM boundary
- 28 hours of monitoring identified 665 heavy-duty trucks

Contact truck owners and provide them with incentive opportunities

- 263 incentive flyers were sent to trucks owners who were identified to frequent the SBM boundary*

Update CSC

- October 2019 Q4 CSC Meeting, August 2020 Q3 CSC Meeting, August 2021 Q3 CSC Meeting, February 2022 Q1 CSC Meeting, and February 2023 Q1 CSC Meeting**

*Zero-Emission Vehicle Incentive Flyer: aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/zev-truck-incentives-postcard.pdf?sfvrsn=8

**SBM Homepage with Meeting Information: aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/san-b

AIR QUALITY PRIORITIES / PRIORIDADES DE CALIDAD DEL AIRE TRUCKS / CAMIONES

Completed CERP Objective / Objetivos CERP completados:

- Truck Idling Sweeps and Truck Complaint Training,
Objectives #: **SBM-5b-01, SBM-5b-02**

Barridos de camiones que están parados con el motor encendido
Objetivos #: **SBM-5b-01, SBM-5b-02**



Air Quality Priority: Neighborhood Truck Traffic

Truck Idling Sweeps and Truck Complaint Training, Objectives # SBM-5b-01, SBM-5b-02



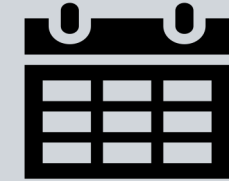
Objective

- Work with CARB to coordinate, at a minimum, quarterly idling sweeps and focused inspections for a period of one year
- Based on findings from idling sweeps and CSC input, adjust enforcement in the community
- Provide training on complaint reporting for trucks transiting the community
- Update the CSC



Metrics

- Conduct focused enforcement for idling trucks in high traffic areas, prioritizing areas near schools and residential areas
- Other areas prioritized by the CSC include areas near distribution centers and high traffic corridors
- Collaborate with the CSC to inform the community on how to report idling trucks
- Engage in community outreach on existing complaint/ response system to report idling trucks



Timeline

Start:
3rd Quarter, 2019
Complete:
1st Quarter, 2024

Neighborhood Truck Traffic

Truck Idling Sweeps and Truck Complaint Training (SBM-5b-01, SBM-5b-02)

Detailed Status Update

Coordinate with CARB and identify locations for idling sweeps with CSC input

- Staff met with CARB in November and December 2019; June 2020; and February, April and October 2021 to discuss truck idling inspection strategies
- In the October 2019 CSC meeting¹, staff requested CSC input to identify locations for truck idling sweeps

Conduct idling sweeps

- South Coast AQMD enforcement staff conducted 20 quarterly idling truck sweeps, resulting in over 220 trucks inspected, and 3 Notices of Violation issued

Adjust locations of idling sweeps based on CSC input

- CARB and South Coast AQMD solicited CSC input during the August 2023 meeting to add or adjust locations²
- Three additional areas were added to the list of locations for truck idling sweeps

¹ SBM October 2019 Q4 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-oct17-2019.pdf>

² SBM August 2023 Q3 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-aug24-2023.pdf>

Neighborhood Truck Traffic

Truck Idling Sweeps and Truck Complaint Training (SBM-5b-01, SBM-5b-02)

Detailed Status Update

Develop training on complaint reporting for trucks, identify entities for outreach, and conduct training

- South Coast AQMD developed an idling truck flyer that provides instruction on how to report violations
- Training on how to report truck idling complaints was developed and presented during the October 2019¹ CSC meeting
- General information on complaint reporting was provided during the February 2019² and February 2022³ CSC meetings
- Meeting materials provided to CSC members and interested parties via email

Update CSC

- CARB and South Coast AQMD provided updates during the August 2020⁴, February 2022³ and August 2023⁵ CSC meetings

¹ SBM October 2019 Q4 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-oct17-2019.pdf>

² SBM February 2019 Q1 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/meeting-presentation-feb21-2019.pdf>

³ SBM February 2022 Q1 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-feb10-2022.pdf>

⁴ SBM August 2020 Q3 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-aug20-2020.pdf>

⁵ SBM August 2023 Q3 CSC Meeting: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-aug24-2023.pdf>

AIR QUALITY PRIORITIES / PRIORIDADES DE CALIDAD DEL AIRE TRUCKS/EXPOSURE REDUCTION / CAMIONES/REDUCCIÓN DE EXPOSICIÓN

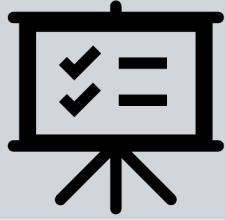
Completed CERP Objective / Objetivos CERP completados:

- Trucks – Complaint Reporting, Objective #: **SBM-5b-01**
Camiones - Cómo informar las reclamaciones, Objetivo #: **SBM-5b-01**
- Trucks – Regulatory Updates, Objective #: **SBM-5b-02**
Camiones - Alcance sobre los incentivos y actualizaciones regulatorias, Objetivo #: **SBM-5b-02**
- Exposure Reduction – Air Quality Information, Objective #: **SBM-5g-01**
Reducción de la exposición - Alcance de la información sobre la calidad del aire, Objetivo #: **SBM-5g-01**
- Exposure Reduction – School Outreach, Objective #: **SBM-5g-01**
Reducción de la exposición - Alcance escolar, Objetivo #: **SBM-5g-01**
- Exposure Reduction – Safe Routes Partnership, Objective #: **SBM-5g-01**
Reducción de la exposición – Safe Routes Partnership, Objetivo #: **SBM-5g-01**



Air Quality Priority: Trucks

Complaint Reporting, Objective #SBM-5b-01



Objective

- Reduce Emissions from Illegal Heavy-Duty Truck Idling in the Community



Metrics

- Engage in (2) outreach events within the span of implementation of this CERP to inform community members how to report idling trucks and update the CSC



Timeline

Start:
July 1, 2019

Complete:
September 6, 2024

Complaint Reporting, Objective #SBM-5b-01

Participated in (4)
Outreach Events
to Provide
Information on
How to Report
Truck Idling

San Bernardino Mayor's Truckers Summit

- May 13, 2021

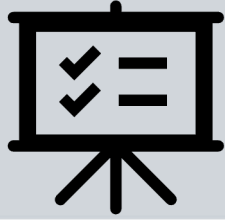
CARB Virtual One-Stop Events

- January 25, 2021
- October 7, 2021
- January 20, 2022



Air Quality Priority: Trucks

Incentives Outreach; Regulatory Updates, Objective #SBM-5b-02



Objective

- Reduce Emissions from Heavy-Duty Trucks Transiting the Community



Metrics

- Provide quarterly or semiannual updates on incentive outreach events and CARB's and South Coast AQMD's rule development for truck regulations, and seek community input on progress for truck regulations and focused enforcement.



Timeline

Start:
April 1, 2020

Complete:
September 6,
2024

Incentives Outreach, Regulatory Updates, Objective #SBM-5b-02

South Coast
AQMD Conducted
(5) Truck Incentive
Workshops

Truck Incentive Workshops:

- December 1, 2021
- January 26, 2022
- March 30, 2022
- February 16, 2023
- June 29, 2023

Air Quality Priority: Trucks

Incentives Outreach; Regulatory Updates, Objective #SBM-5b-02 Detailed Status Update

Update CSC on Incentive Outreach Events

- Updates for the Truck Incentive Workshops were provided at the **August 2021 Q3, February 2022 Q1, and May 2023 Q2** CSC Meetings.

Update on South Coast AQMD Truck Regulations

- South Coast AQMD presented on Indirect Source Rule (ISR) (e.g., rail, warehouses) at the **May 2023 Q2, August 2022 Q3, November 2021 Q4, May 2021 Q2, May 2020 Q2, and January 2020 Q1** CSC Meetings.

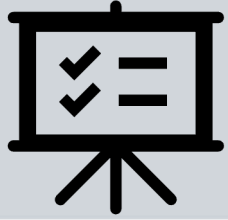
Update on CARB's Truck Regulations

- CARB presented on their truck regulations at the **August 2023 Q3** CSC Meeting.



Air Quality Priority: Exposure Reduction

Outreach – Air Quality Information, Objective #SBM-5g-01



Objective

- Reduce Exposure to Harmful Air Pollutants through Public Outreach



Metrics

- Participate in (6) public outreach events (e.g., health fairs, community events) and provide information relating to air quality effects on young children and reducing exposure to facilities where children are located (e.g., schools, childcare centers, community centers, libraries, etc.), prioritizing based on CSC input and update the CSC.



Timeline

Start:

October 1, 2019

Complete:

September 6, 2024

Air Quality Priority: Exposure Reduction

Outreach - Air Quality Information, Objective #SBM-5b-01

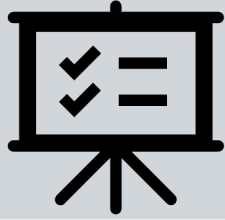
South Coast AQMD Participation in Public Outreach Events

- **October 5, 2019** - Route 66 Event
- **November 1, 2019** - STEMpalooza at San Bernardino Valley College (SBVC)
- **February 16, 2022** - Inland Empire Concerned African-American Churches
- **February 22, 2022** - Peoples Collective for Environmental Justice (PC4EJ): Virtual Town-Hall Meeting
- **February 24, 2022** - Just San Bernardino Community Coalition & Warehouse Workers Resource Center - Virtual Town Hall
- **August 31, 2022** - PC4EJ: Route to Clean Air Workshop
- **April 4, 2023 - Current:** Began attending monthly San Bernardino County Public Health - Community-Based Organizations Collaborative Meetings
- **April 4, 2024** – CCAEJ’s RISING Voices: Community Engagement Conference



Air Quality Priority: Exposure Reduction

Outreach – Air Quality Information, Objective #SBM-5g-01



Objective

- Reduce Exposure to Harmful Air Pollutants through Public Outreach



Metrics

- Implement Environmental Justice Community Partnership (EJCP) Clean Air Ranger Education (CARE) program and Why Healthy Air Matters (WHAM) program in at least two schools.



Timeline

Start:

January 1, 2019

Complete:

September 6, 2024

Air Quality Priority: Exposure Reduction

School Outreach, Objective #SBM-5b-01

Air Quality Outreach to Schools

Virtual WHAM Presentation to **San Bernardino High School**

- **February 9, 2021**
- **February 11, 2021**
- **March 9, 2021**

Virtual WHAM Presentations to **Arroyo Valley High School**

- **May 13, 2021**
- **May 14, 2021**

Virtual EJCP & AB 617 Presentation provided to **San Bernardino Valley College (SBVC - Dr. Todd Heibel's Class)**

- **March 2, 2022**

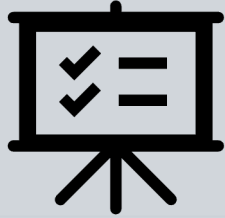
Critical **C**ommunity **C**onversations for **P**urposeful **O**utreach (**C3PO**)
Field Trip to **SBVC** and **Muscoy Library**

- **January 24, 2024**



Air Quality Priority: Exposure Reduction

Safe Routes Partnership, Objective #: SBM-5g-01



Objective

- Reduce Exposure to Harmful Air Pollutants through Public Outreach



Metrics

- Begin partnering with Safe Routes Partnership to provide information on programs and update the CSC.



Timeline

Start:

January 1, 2021

Complete:

September 6, 2024

Safe Routes Partnership, Objective #: SBM-5g-01

Air Quality Outreach to Schools

- **Safe Routes Partnership** presented to the CSC at the May Q2 2020, August Q3 2022, and October Q4 2022 CSC Meetings.
- **March 2023:** Began collaborating with Safe Routes Partnership to introduce the CARE program to Vermont Elementary School in Muscoy, as part of their Youth Environmental Workshop.

AIR QUALITY PRIORITIES / PRIORIDADES DE CALIDAD DEL AIRE EXPOSURE REDUCTION / REDUCCIÓN DE EXPOSICIÓN

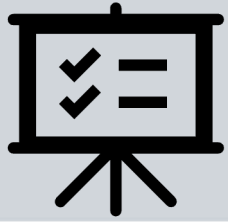
Completed CERP Objective / Objetivos CERP completados:

- Exposure Reduction – Air Filtration for Homes, Objective #: **SBM-5g-03**
Reducción a la exposición - de partículas de materiales nocivos en los hogares,
Objetivo#: **SBM-5g-03**
- Exposure Reduction – Clean Air School Buses, Objective #: **SBM-5g-05**
Reducción a la exposición - autobuses escolares de aire limpio,
Objetivo #: **SBM-5g-05**



Air Quality Priority: Exposure Reduction

Clean Air School Buses, Objective #: SBM-5g-05



Objective

- Partner with other entities to determine new/existing sources or programs that can provide funding for NZE or ZE school buses and update CSC



Metrics

- Identify funding opportunities
- Identify and prioritize projects based on CSC input
- Implement projects
- Update the CSC



Timeline

Start:
July 1, 2020

Complete:
September 6,
2024

Exposure Reduction

Clean Air School Buses (SBM-5g-05) Detailed Status Update

Identify funding opportunities and prioritize projects

- Lower-Emission School Bus Program (October 2020)
- \$47M in awards

Implement projects

- 33 school bus projects in San Bernardino County (December 2021)
- Contracts Executed for 8 school districts
- \$8.9M awarded for 33 school buses (10 ZE and 20 NZE including infrastructure)
- Deployed: \$1.1M for 3 ZE school buses and \$2.5M for 12 NZE school buses

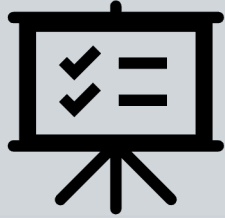
Update CSC

- Updated CSC in February 2024
- Additional update for new solicitation in Q4 2024!



SBM Air Quality Priority: Exposure Reduction

Reduce Exposure to Harmful Particulate Matter at Homes, SBM-5g-03



Objective

- Partner with appropriate entities to determine new or existing programs that can provide home filtration systems and weatherization
- Consult with the CSC and appropriate stakeholders to identify any new or existing home air filtration program and update the CSC

Metrics

1. Work with entities to identify funding
2. If funding is identified, prioritize locations based on CSC input
3. Implement air filtration and weatherization
4. Provide CSC updates

Timeline

Start:
3rd Quarter, 2020

Complete:
3rd Quarter, 2024

SBM Air Quality Priority: Exposure Reduction

Reduce Exposure to Harmful Particulate Matter at Homes, SBM-5g-03

Work with entities to identify funding

- Staff identified \$201K in funding for a Residential Air Filtration Pilot Project from three (3) Supplemental Environmental Projects (SEPs)

If funding is identified, prioritize locations based on CSC input

- Staff worked with community members to develop a Residential Air Filtration Pilot Project, which provides air filtration units and utility stipends to 20 homes near San Bernardino freeways and the railyard

Implement air filtration and weatherization

- Residential Air Filtration Pilot Project implementation steps:
 - Staff deployed air filtration units to residences in Winter 2022
 - On-going filter replacements and utility stipends until Winter 2027/28
 - On-going quarterly reporting to CARB through 2028

Provide CSC updates

- May 2022, staff worked with So Cal Gas and SCE to present funding opportunities for weatherization programs to support residential air filtration
- May 2023, staff provided an update to the CSC on the Residential Air Filtration Project success

Air Quality Priorities: Air Monitoring Activities – Exposure Reduction

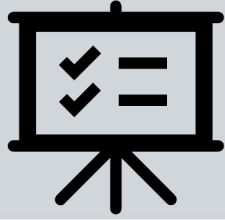
Completed CERP Objective / Objetivos CERP completados:

- Exposure Reduction – Monitoring at Schools, Objective #: **SBM-5g-01**
Monitoreo de Escuelas, Objetivo #: **SBM-5g-01**
- Omnitrans – Omnitrans Monitoring, Objective #: **SBM-5d-01**
Monitoreo de Omnitrans, Objetivo #: **SBM-5d-01**
- Concreate Batch, Asphalt, and Aggregate Plants – Concrete Plant Monitoring, Objective #: **SBM-5f-01**
Plantas de Hormigón, Asfalto y Áridos - Monitoreo de Plantas de Concreto, Objetivo #: **SBM-5f-01**
- Railyards - Railyard Monitoring, Objective #: **SBM-5e-01**
Monitoreo de Patios de Ferrocarril, Objetivo #: **SBM-5e-01**



Air Quality Priority: Exposure Reduction

Monitoring at Schools, Objective #: SBM-5g-01



Objective

Conduct school-based air monitoring at or near schools based on prioritization of CSC and update CSC



Metrics

- Identify air monitoring locations and establish monitoring frequency
- Conduct monitoring
- Compile and analyze data
- Update CSC



Timeline

Start:
3rd Quarter, 2019
Complete:
4th Quarter, 2022

Air Quality Priority: Exposure Reduction

Monitoring at Schools (SBM-5g-01) – Detailed Status Update

Conduct air monitoring

- Between August 2019 and August 2021, South Coast AQMD conducted mobile monitoring of pollutants such as particulate matter (PM), black carbon (BC), ultrafine particles (UFP), and nitrogen dioxide (NO₂) near and around the schools and throughout the community
- From July 1, 2021 to September 30, 2021, Aclima Inc. (contractor) conducted mobile measurements in areas around sensitive receptors and other parts of SBM
- Continuous air measurements were performed at the San Bernardino air monitoring station to track concentration trends for comparison

Analyze results

- The highest air pollution levels were measured near and on the I-215 and I-210 freeways and other major roadways, suggesting that schools near these areas may experience higher levels of traffic-related pollution
- Most of the schools selected for air filtration installation in the community are located close to the I-215 freeway, where pollution levels are typically higher¹

Update the CSC

- Summary reports were published by South Coast AQMD²⁻³ and Aclima⁵, and were reported to the CSC during the August 2020 Q3, December 2020 Q4, August 2021 Q3, May 2022 Q2, and October 2022 Q4 CSC Meetings

¹ May 2020 Q2 CSC Meeting – School Prioritization Activity: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-may-21-2020.pdf?sfvrsn=8#page=15>

² South Coast AQMD Schools, Childcare Centers, Community Centers, and Homes Progress Report, <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/camps/sbm-progress-reports/sbm-schools-childcare-centers-community-centers-and-homes---coming-soon.pdf?sfvrsn=12>

³ South Coast AQMD Air Monitoring Progress Update, <https://scaqmd-online.maps.arcgis.com/apps/MapJournal/index.html?appid=f8bbfa504abc4081bdf2eb8fd70171d3>

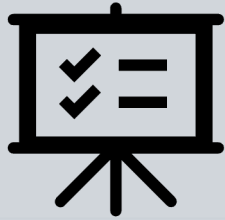
⁴ South Coast AQMD Mobile Monitoring Dashboard, <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/communities/sbm/sbm-mobile-monitoring-dashboard>

⁵ Aclima SBM Mobile Monitoring Report, <https://aq.aclima.io/ca/sbm/area-overview>



Air Quality Priority: Omnitrans

Omnitrans Monitoring, Objective #: SBM-5d-01



Objective

Conduct air measurements near Omnitrans to identify potential sources of emissions and provide quarterly or semiannual updates to the CSC on air measurement data results and information collected



Metrics

- Identify mobile air monitoring locations and establish monitoring frequency
- Conduct mobile air monitoring
- Summarize air monitoring results
- Update the CSC



Timeline

Start:
2nd Quarter, 2019
Complete:
4th Quarter, 2022

Air Quality Priority: Omnitrans

Omnitrans Monitoring (SBM-5d-01) – Detailed Status Update

Conduct mobile monitoring

- Between August 2019 and August 2021, South Coast AQMD conducted mobile methane measurements in/around the Omnitrans bus yard
- In 2019, Aerodyne (contractor) conducted measurements around the bus yard and near the storm drains and manholes in the area
- From July 1, 2021 to September 30, 2021, Aclima Inc. (contractor) conducted mobile methane measurements around the bus yard and throughout SBM

Analyze results and conduct follow-up actions

- Enhanced methane concentrations were observed across multiple days in 2019 at the southeast corner of the Omnitrans facility
- Emissions from the natural gas equipment at Omnitrans and/or from an underground high-pressure distribution pipeline are the most likely causes of these occasional ambient methane spikes
- SoCal Gas conducted an independent inspection and concluded there was no evidence of a leak in their underground high-pressure distribution pipeline near the Omnitrans facility
- South Coast AQMD conducted surveillance and inspection of Omnitrans and found no violations of air quality regulations
- Subsequent measurements by South Coast AQMD showed methane concentrations near Omnitrans to be within background levels

Air Quality Priority: Omnitrans

Omnitrans Monitoring (SBM-5d-01) – Detailed Status Update

Update the CSC

- Reports were published by South Coast AQMD¹⁻³, Aerodyne¹, and Aclima⁴, publicly displaying the findings and were shared with the CSC during the August 2020 Q3, December 2020 Q4, August 2021 Q3, May 2022 Q2, and October 2022 Q4 CSC meetings
- Additional updates were provided at the August 2019 and October 2019 CSC meetings

¹ South Coast AQMD Omnitrans Progress Report, <http://www.aqmd.gov/docs/default-source/ab-617-ab-134/camps/sbm-progress-reports/sbm-omnitrans-bus-yard---coming-soon.pdf?sfvrsn=12>

² South Coast AQMD Air Monitoring Progress Update, <https://scaqmd-online.maps.arcgis.com/apps/MapJournal/index.html?appid=f8bbfa504abc4081bdf2eb8fd70171d3>

³ South Coast AQMD Mobile Monitoring Dashboard, <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/communities/sbm/sbm-mobile-monitoring-dashboard>

⁴ Aclima SBM Mobile Monitoring Report, <https://aq.aclima.io/ca/sbm/methane-indicator-bus-yard>



Air Quality Priority: Concrete Batch, Asphalt, and Aggregate Plants

Concrete Plant Monitoring, Objective #: SBM-5f-01



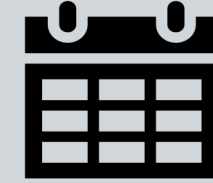
Objective

Conduct air monitoring near Robertson's Ready Mix and Vulcan Materials. If elevated levels of PM10 are detected conduct follow-up investigations, and update the CSC



Metrics

- Identify mobile air monitoring locations and establish monitoring frequency
- Conduct air monitoring
- Analyze results and conduct follow-up actions, as needed
- Update the CSC



Timeline

Start:
3rd Quarter, 2019
Complete:
4th Quarter, 2022

Air Quality Priority: Concrete Batch, Asphalt, and Aggregate Plants

Concrete Plant Monitoring (SBM-5f-01) – Detailed Status Update

Conduct air monitoring

- South Coast AQMD conducted mobile and fixed air monitoring near the identified facilities, including measurements of PM10 and sample collection for hexavalent chromium (Cr6+) analysis
- From July 1, 2021 to September 30, 2021, Aclima Inc. (contractor) conducted PM2.5 measurements in areas around cement handling facilities

Analyze results and conduct follow-up actions

- Fixed/mobile measurements suggest that Santa Ana winds can lead to elevated PM10 immediately downwind of facilities
- Mobile surveys showed elevated levels of PM2.5 on the freeway south of Vulcan Materials Co. This may be due, in part, to the large areas of uncovered soil and contributions from the adjacent SR-210 freeway traffic
- Time-integrated measurements showed that Cr6+ was at typical levels found elsewhere in the Basin
- South Coast AQMD conducted inspections at all batch plant facilities and reported their findings to the CSC¹

¹ February 2022 Q1 CSC Meeting – Update on Batch Plants Inspections: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-feb10-2022.pdf?sfvrsn=14#page=18>

Air Quality Priority: Concrete Batch, Asphalt, and Aggregate Plants

Concrete Plant Monitoring (SBM-5f-01) – Detailed Status Update

Update the CSC

- Summary reports were published by South Coast AQMD²⁻⁴ and Aclima⁵, and were shared with the CSC during the August 2020 Q3, December 2020 Q4, August 2021 Q3, May 2022 Q2, and October 2022 Q4 CSC Meetings
- Additional updates were provided at the August 2019 and October 2019 CSC Meetings

² South AQMD Concrete Batch Plants, Asphalt, and Aggregate Plants Progress Report, <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/camps/sbm-progress-reports/sbm-concrete-batch-plants-asphalt-and-aggregate-plants---coming-soon.pdf?sfvrsn=12>

³ South AQMD Air Monitoring Progress Update, <https://scaqmd-online.maps.arcgis.com/apps/MapJournal/index.html?appid=f8bbfa504abc4081bdf2eb8fd70171d3>

⁴ South AQMD Mobile Monitoring Dashboard, <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/communities/sbm/sbm-mobile-monitoring-dashboard>

⁵ Aclima SBM Mobile Monitoring Report, <https://aq.aclima.io/ca/sbm/pm-indicator-concrete>



Air Quality Priority: Railyards

Railyard Monitoring, Objective #: SBM-5e-01



Objective

Conduct air measurements at railyards and nearby communities. Analyze data and update the CSC



Metrics

- Identify air monitoring locations and establish monitoring frequency
- Conduct monitoring
- Analyze results
- Update CSC



Timeline

Start:
3rd Quarter, 2019
Complete:
4th Quarter, 2022

Air Quality Priority: Railyards

Railyard Monitoring (SBM-5e-01) – Detailed Status Update

Conduct air monitoring

- Between August 2019 and August 2021, South Coast AQMD conducted mobile air monitoring of diesel exhaust emission markers such as particulate matter (PM), black carbon (BC), ultrafine particles (UFP), and nitrogen dioxide (NO₂) near and around the BNSF Railyard, and in the surrounding community
- From July 1, 2021 to through September 30, 2021, Aclima Inc. (contractor) conducted mobile measurements around the railyard, and in the SBM community
- Continuous measurements were conducted at the San Bernardino air monitoring station to track concentration trends for comparison

Analyze results

- Slightly elevated concentrations of diesel emission markers were found near railyards. These levels were generally lower compared to those observed on freeways and major roadways
- Work is ongoing on Proposed Rule 2306 - Rail Yard Indirect Source Rule - to further address diesel emissions from mobile sources associated with railyards¹

Update the CSC

- Summary reports were published by South Coast AQMD²⁻³ and Aclima⁵, and were reported to the CSC during the August 2020 Q3, December 2020 Q4, August 2021 Q3, May 2022 Q2, and October 2022 Q4 CSC Meetings

¹ South Coast AQMD Proposed Rule 2306, [PR 2306 - Freight Rail Yards \(aqmd.gov\)](http://www.aqmd.gov/pr2306)

² South Coast AQMD Railyards Progress Report, <http://www.aqmd.gov/docs/default-source/ab-617-ab-134/camps/sbm-progress-reports/sbm-railyards---coming-soon.pdf?sfvrsn=12>

³ South Coast AQMD Air Monitoring Progress Update, <https://scaqmd-online.maps.arcgis.com/apps/MapJournal/index.html?appid=f8bbfa504abc4081bdf2eb8fd70171d3>

⁴ South Coast AQMD Mobile Monitoring Dashboard, <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/communities/sbm/sbm-mobile-monitoring-dashboard>

⁵ Aclima SBM Mobile Monitoring Report, <https://aq.aclima.io/ca/sbm/area-overview>

Air Quality Priorities: Planning & Rule Development - Warehouses

Completed CERP Objective / **Objetivos CERP completados:**

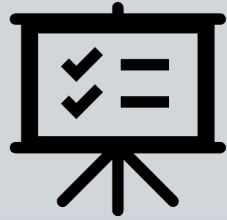
- Develop Proposed Indirect Source Rule (ISR) for Warehouses,
Objective #: **SBM-5C-02**

Desarrollar una propuesta de reglas de fuentes indirectas (Indirect Source Rule, ISR) para almacenes, Objetivo #: **SBM-5C-02:**



Air Quality Priority: Warehouses

Develop Proposed Indirect Source Rule (ISR) for Warehouses, Objective #: SBM-5C-02



Objective

- Initiate proposed Warehouse ISR
- Hold a public meeting in the Inland Empire to discuss proposed ISR for warehouses
- Bring proposed Warehouse ISR for adoption
- Update the CSC quarterly



Metrics

- Initiate rule development
- Meet in the Inland Empire to discuss rule
- Adopt Warehouse ISR
- Provide rule updates to CSC



Timeline

Start:
2nd Quarter, 2018
Complete:
2nd Quarter, 2021

Air Quality Priority: Warehouses

Develop Proposed Indirect Source Rule (ISR) for Warehouses (SBM-5C-02)– Detailed Status Update

Completion of Warehouse ISR

- Rule 2305¹ - Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program was adopted May 7, 2021²
- 12 working group meetings, 7 Mobile Source Committee briefings, 2 Public Workshops (February 2021)

Provide CSC with warehouse information

- Conducted Community meeting in February 2021 via Zoom during rule development
- Provided updates on Rule 2305 rule development, adoption, upcoming requirements, and next steps for implementation during January 2020³, May 2020⁴, May 2021⁵, August 2022⁶, November 2023⁷ CSC Meetings

1. Rule 2305: <http://www.aqmd.gov/docs/default-source/rule-book/reg-xxiii/r2305.pdf>;

2. Rule 2305 & Rule 316 Governing Board Package: <https://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2021/2021-May7-027.pdf>

3. January 2020 CSC Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-jan23-2020.pdf>

4. May 2020 CSC Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-may-21-2020.pdf>

5. May 2021 CSC Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-may20-2021.pdf>

6. August 2022 CSC Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/presentation-aug11-2022.pdf>

7. November 2023 CSC Presentation: [https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/\(english\)-sbm---q4---presentation-\(11-09-2023\).pdf](https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/san-bernardino/(english)-sbm---q4---presentation-(11-09-2023).pdf)

NEXT STEPS

PRÓXIMOS PASOS

Future Announcements / *Anuncios Futuros*

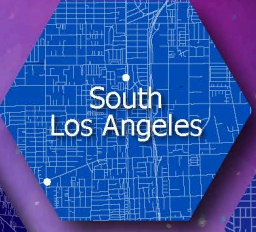
- Newsletters or e-mails
Boletines o correos electrónicos
- Continue CERP implementation
Continuar la implementación del CERP

What would you like to hear about? / *¿Sobre que te gustaría oír hablar?*

- AQ Priority Updates & Agenda Topics
Implementación del CERP y otros temas de la agenda



South East Los Angeles



South Los Angeles



East Los Angeles



West Commerce



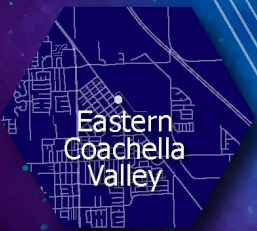
Boyle Heights



Muscoy



San Bernardino



Eastern Coachella Valley



SAVE THE DATE ALL CSC EVENT

Saturday, August 24 2024

South Coast AQMD
21865 Copley Dr.
Diamond Bar, CA 91765



Wilmington



West Long Beach



Carson

Additional Information To Follow

PUBLIC COMMENT / COMENTARIO PÚBLICO

AB617comments@aqmd.gov

*9 Raise Hand / Levantar La Mano

*6 Unmute / Activar El Sonido

AB 617: CSC MEMBERSHIP / MEMBRESÍA DEL CSC



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*

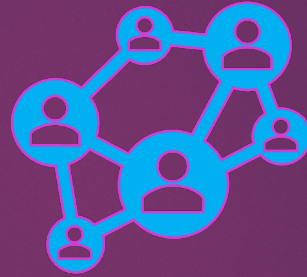


New Applicants / *Nuevos solicitantes*

- 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 909.396.2250

COMMUNITY EVENTS

EVENTOS DE LA COMUNIDAD



Connecting with
our Communities

*Comunicando Con
Nuestras Comunidades*





SOUTH COAST AQMD JOIN THE CLEAN AIR TEAM!



NOW HIRING

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 You Breathe and Protect Public Health.



4 Day Work Week



Retirement Plan



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Wellness Programs



13 Paid Holidays



Continued Education Reimbursement



APPLY ONLINE
www.aqmd.gov/careers

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

THANK YOU / GRACIAS

**For more information, questions, or suggestions after this meeting:
Para más información, preguntas o sugerencias después de esta reunión:**

Daniel Wong

AB 617: SBM Community Liaison

dwong@aqmd.gov

Next Meeting: Saturday, August 24, 2024

Próxima reunión: sábado 24 de agosto de 2024

<https://aqmd.gov/AB617/SBM>