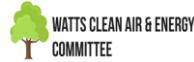


AB 617 - SOUTH LOS ANGELES (SLA) COMMUNITY STEERING COMMITTEE MEETING



VIRTUAL MEETING

SEPTEMBER 2, 2021

1

Language Justice Announcement

During the Event

SLOW DOWN

Facilitators, presenters, trainers, participants... anyone speaking during the event, **speak at a moderate pace**. Take a breath after each sentence, take a pause after switching speakers and asking questions. Slowing down supports **EVERYONE**, not just interpreters.



SPEAK-UP

Speak loud and clear! Ideally, using **headphones with a mic**. Interpreters need to be able to hear the speaker over the sound of their own voice when doing simultaneous interpretation.

SAY YOUR NAME EACH TIME YOU SPEAK

Folks listening to the interpretation might only hear the interpreters voice, so they will not notice when a new person is speaking.



ONE PERSON AT A TIME

Interpreters can only interpret for **one person at a time**, and they don't want to be put in the position of having to decide which voice to privilege over another.

LANGUAGE IS NOT A BARRIER

To the contrary, when we have multiple languages in a space, we have **multiple cosmovisions**, and **multiple ways** of understanding the world. We have the opportunity to expand and deepen our perspective, our imaginations, the possible strategies, tactics, and visions for what is possible.



Created by: catalina.nieto.interpretation@gmail.com With the advice, expertise and support of many people in the Language Justice Community

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AB 617 TRUCK INCENTIVES WORKSHOP FOR HEAVY-DUTY TRUCKS

WALTER SHEN
PLANNING AND RULES MANAGER



3

BACKGROUND AND RECAP

Why a project plan for truck incentives?

Existing incentive programs are not working for certain fleets and small businesses in AB 617 communities

Incentive program changes are needed to attract more participants

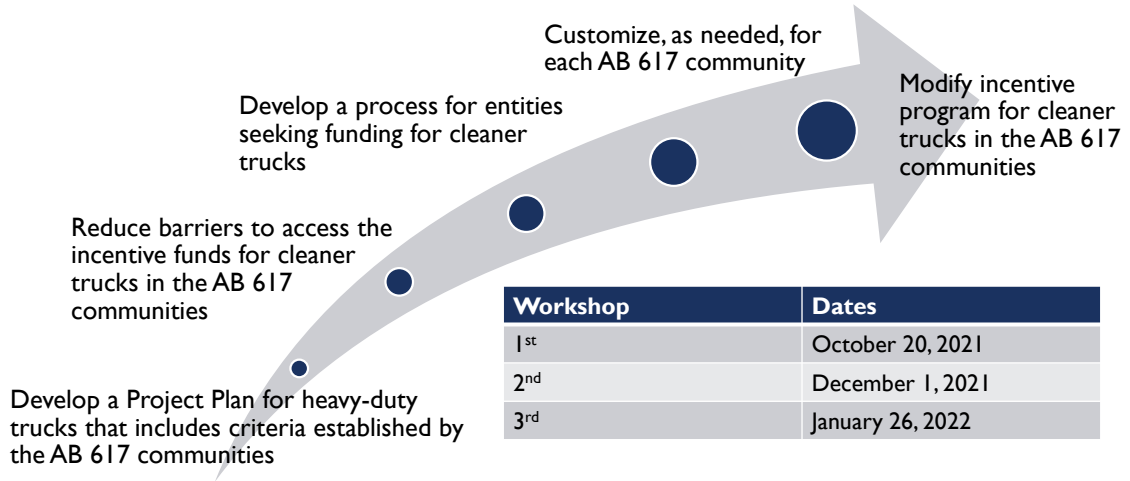
Customize incentives to meet the needs of the community (e.g., prioritize small businesses)

Prioritize funding for trucks in the AB 617 communities

4

4

TRUCK INCENTIVES WORKSHOP (OBJECTIVES AND DATES)



5

WHAT'S NEXT

- Upcoming workshop information will be provided
 - Agenda
 - ZOOM link
- Evangelina Barrera (ebarrera@aqmd.gov)

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COMMUNITY EMISSIONS REDUCTION PLAN (CERP) OVERVIEW

NICOLE SILVA
PROGRAM SUPERVISOR



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AIR QUALITY PRIORITIES*

Reduce emissions and address concerns about:



Mobile Sources



Oil and Gas



General Industrial Facilities



Auto Body Shops



Toxic Metals

*Air quality priorities will be discussed during subcommittee meetings



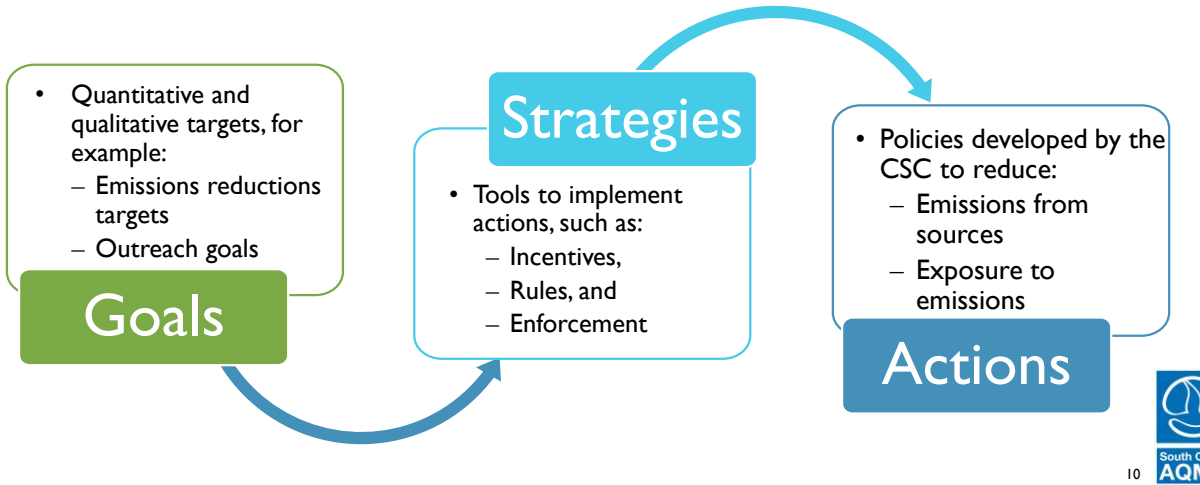
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HOW WILL THE AIR QUALITY PRIORITIES BE ADDRESSED?



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CERP DEVELOPMENT – GOALS, STRATEGIES, AND ACTIONS



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CERP DEVELOPMENT – GOALS, STRATEGIES, AND ACTIONS

Goals	Strategies	Actions
<ul style="list-style-type: none"> Reduce emissions or exposure 	Rules and Regulations	<ul style="list-style-type: none"> Commit to amend or develop rules/regulations to address AQ priority
<ul style="list-style-type: none"> Increase compliance and enforcement activities in the community 	Enforcement	<ul style="list-style-type: none"> Focus enforcement in CSC identified areas or as a follow-up to monitoring, if appropriate
<ul style="list-style-type: none"> Increase incentive funding in the community 	Incentives	<ul style="list-style-type: none"> Provide incentive funding for cleaner technology or air pollution controls
<ul style="list-style-type: none"> Increase outreach to residents, small businesses, and owners/operators 	Public Information and Outreach	<ul style="list-style-type: none"> Public outreach to community or training to facilities/operators
<ul style="list-style-type: none"> Form partnerships with local health departments, land use agencies, community-based organizations, etc. 	Collaboration	<ul style="list-style-type: none"> Collaborate with local agencies to identify funds, provide outreach, or develop policies that help address AQ priority
<ul style="list-style-type: none"> Collect data from advanced monitoring technologies to provide new, purposeful data 	Air Monitoring	<ul style="list-style-type: none"> Conduct air monitoring to identify potential sources of air pollution

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EXAMPLES OF ACTIONS AND STRATEGIES – MOBILE SOURCES

Rules and Regulations

- CARB and South Coast AQMD rule development (e.g., all CERPs)

Enforcement

- Focused enforcement for existing CARB truck regulations (e.g., all CERPs)

Incentives

- Incentive funding for cleaner trucks (e.g., all CERPs)
- Incentive funds for independent owner/operators (e.g., WCWLB, SBM, SELA)



Voucher Incentive Program

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EXAMPLES OF ACTIONS AND STRATEGIES – OIL AND GAS

Air Monitoring



- Work with CSC to identify potential fugitive emissions from facilities (e.g., WCWLB)
- Work with Enforcement to support investigation activities (e.g., WCWLB)

Enforcement



- Based on monitoring results, conduct follow-up inspections to identify potential violations and take enforcement action, if appropriate (e.g., WCWLB)

Outreach



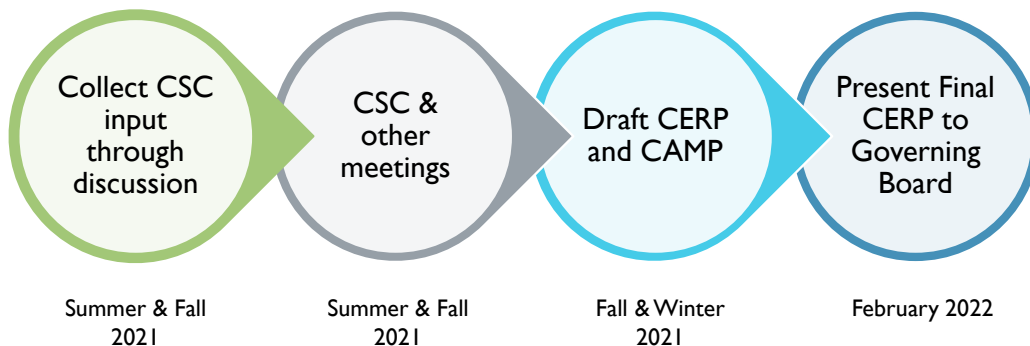
- Outreach and training on filing air quality complaints by phone, web, or mobile app (e.g., WCWLB)



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NEXT STEPS



Note: Discussion with the CSC will guide each step of the process



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CERP RELATED QUESTIONS

- Please contact:

Nicole Silva
Program Supervisor
nsilva@aqmd.gov
909-396-3384



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AB 617 COMMUNITY AIR MONITORING PLAN (CAMP)

Angela Haar, PhD
Principal Air Quality Chemist

September 2, 2021

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TYPES OF AIR POLLUTION

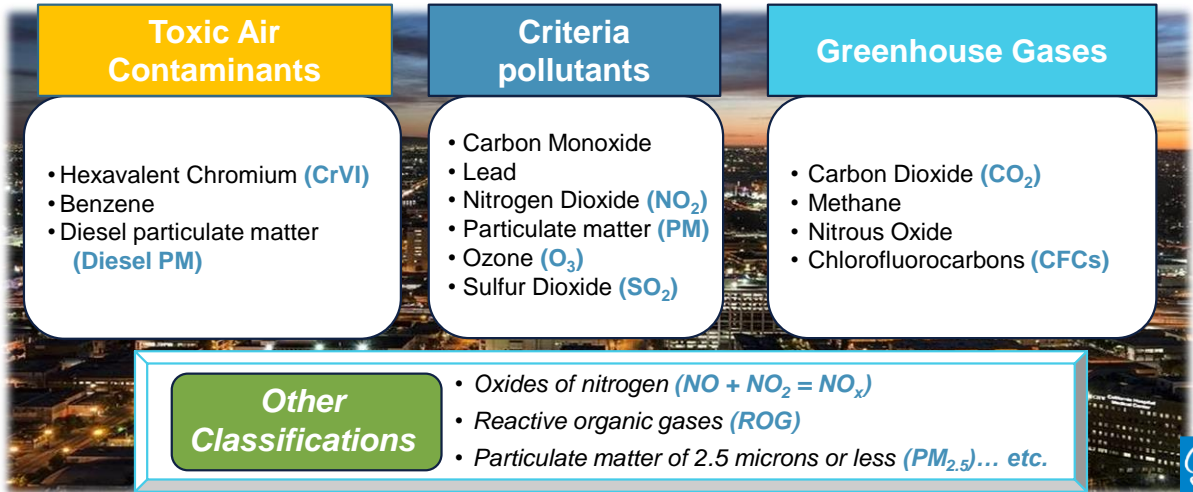
Air pollution is a mixture of natural and man-made substances in the air we breathe



17

17

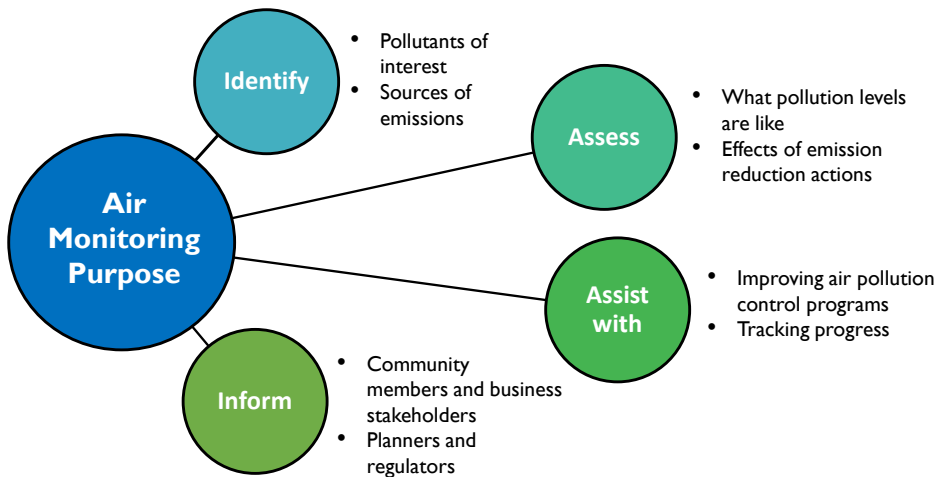
EXAMPLES OF AIR POLLUTION TYPES



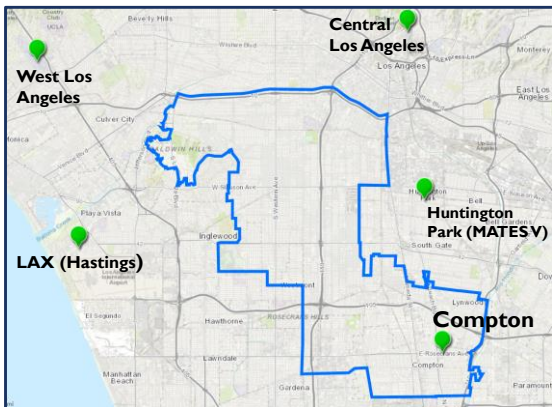
18

18

WHY DO WE MONITOR AIR POLLUTION?



COMPTON AIR MONITORING STATION

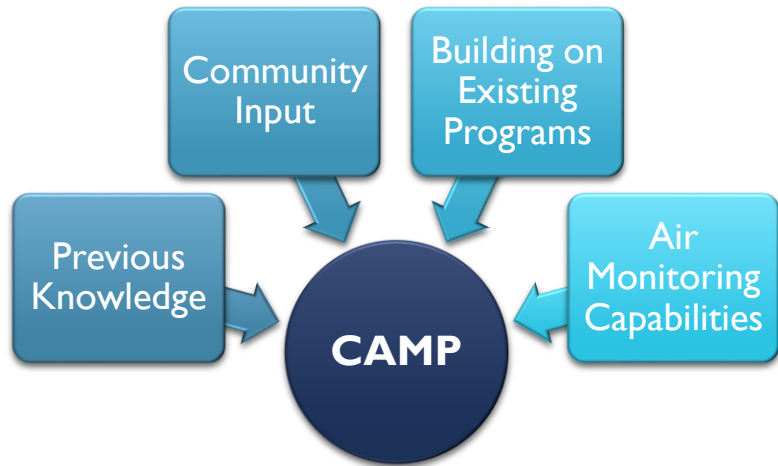


- Air Monitoring Network Station (<http://www.aqmd.gov/home/air-quality/clean-air-plans/monitoring-network-plan>)
- Multiple Air Toxics Exposure Study (MATES) Site (<http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v>)



AB 617 COMMUNITY AIR MONITORING PLAN (CAMP)

Year 1 and Year 2 Community Air Monitoring Information:
<http://www.aqmd.gov/nav/about/initiatives/community-efforts/environmental-justice/ab617-134/ab-617-community-air-monitoring>

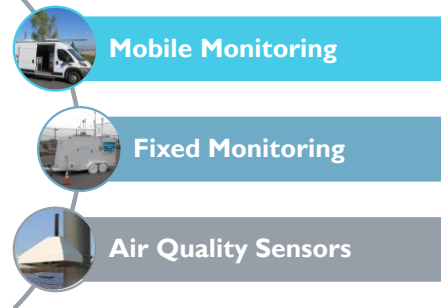


AB 617 COMMUNITY AIR MONITORING PLAN (CAMP)

Purpose: To support implementation of the Community Emissions Reduction Plan (CERP). Air monitoring strategies are selected based on community air quality priorities.

- Establishes air monitoring goals and objectives set by the CSC
- Identifies air monitoring approaches selected by the CSC
- Describes how air monitoring data collected can support CERP actions

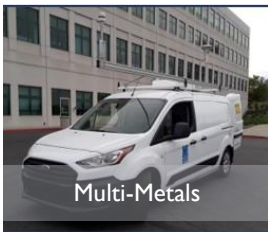
Possible Air Monitoring Approaches



MOBILE MONITORING

Purpose: Conduct targeted surveys, identify air pollution “hotspots”, support inspections and enforcement actions

- Vehicle-mounted air monitors that collect data while in motion
- Measure a wide range of pollutants using both research-grade and established/regulatory monitors



Multi-Metals



Community Survey



Trace Organics



Optical Remote Sensing



FIXED (STATIONARY) MONITORING

Purpose: Baseline monitoring, monitor long-term trends, assess community exposure, provide real-time air pollution data

- Placement of one or more air monitors at strategic locations to satisfy specific air monitoring objectives
- Continuous and time-integrated sampling
- Established and regulatory monitors, research-grade monitors



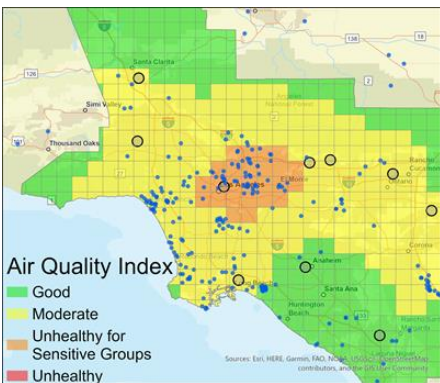
AIR QUALITY SENSORS

Purpose: Enhance spatial coverage of measurements, understand how pollutant levels vary within a community

- Lower-cost air monitors that readily available and easy to use
- Many different sensors available
- Can be effective community education and engagement tools that support citizen science
- More info at South Coast AQMD Air Quality Sensor Performance Evaluation Center (AQ-SPEC): <http://www.aqmd.gov/aq-spec>



COMBINING AIR QUALITY SENSORS DATA WITH REGULATORY MONITORING DATA



- Regulatory Monitor Sites
- Air Quality Sensors
- Model Grid Cells

- Air Quality Index values are more accurate between regulatory monitors when blending in sensor and air quality model data
- After quality control and calibration, PurpleAir measurements from citizen scientists and South Coast AQMD deployments are automatically included in the AQI map



Current Air Quality Map is available at www.aqmd.gov/aqimap or in the South Coast AQMD mobile app at www.aqmd.gov/mobileapp



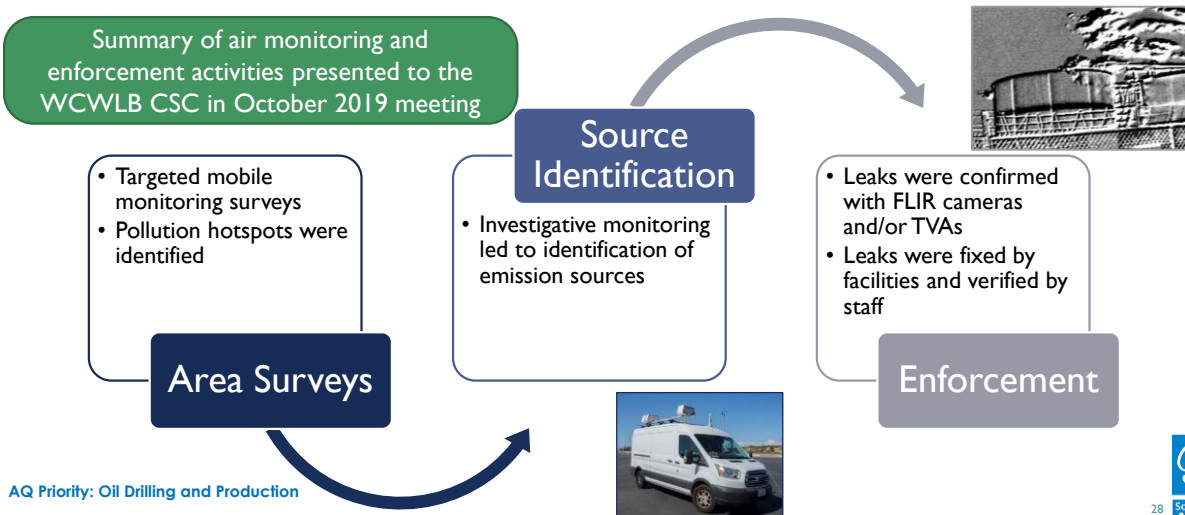
COMPARING MONITORING STRATEGIES

		Mobile Monitoring	Fixed Monitoring	Air Quality Sensors
Possible Objectives	Baseline Monitoring		☑	
	Track Progress		☑	☑
	Identify "Hot Spots"	☑		☑
	Characterize Emission Sources	☑		
Advantages	Real-Time Data		☑	☑
	Support Citizen Science			☑
	Good detection capability	☑	☑	
	Monitor at many locations	☑		☑
Limitations	High Cost	☒	☒	
	Complex Data Analysis	☒		
	Low Accuracy/Precision			☒
	Number of Pollutants Detected			☒



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EXAMPLE OF COMMUNITY AIR MONITORING IN ACTION



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COMMUNICATING MONITORING DATA

- CAMP updates during CSC meetings
- Reports and summaries:
 - Annual progress report
 - Fact Sheets
 - Story Maps
- CARB AB 617 Data Portal
<https://ww2.arb.ca.gov/community-air-quality-portal>
- South Coast AQMD data displays and dashboards
<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring>

ANNUAL PROGRESS REPORT FOR AB 617 COMMUNITY EMISSIONS REDUCTION PLANS
October 2020

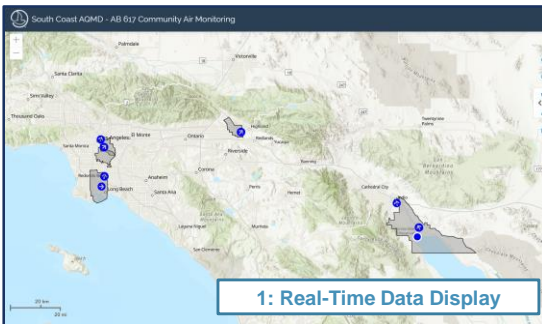
South Coast Air Quality Management District

Air Monitoring Progress Update - San Bernardino, Muscovy Community

Results:

- Air monitoring was conducted using a mobile platform capable of measuring a wide range of particulate and gaseous pollutants, including black carbon (BC), nitrogen dioxide (NO₂), and particulate matter (PM) concentration, as tracers for diesel and other emissions.
- The highest levels of these pollutants were measured near and on the interstate (I-215 and I-210) freeways and streets around them, as well as on other major roadways.
- Concentrations were found to be generally lower in residential communities, with the exception of residential areas near freeways and major roadways.

COMMUNICATING MONITORING DATA – INTERACTIVE DATA DISPLAYS



1. <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring>
2. https://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/continuous-air-monitoring-data-dashboard_english
3. <https://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/ab-617-community-air-monitoring/dashboard>

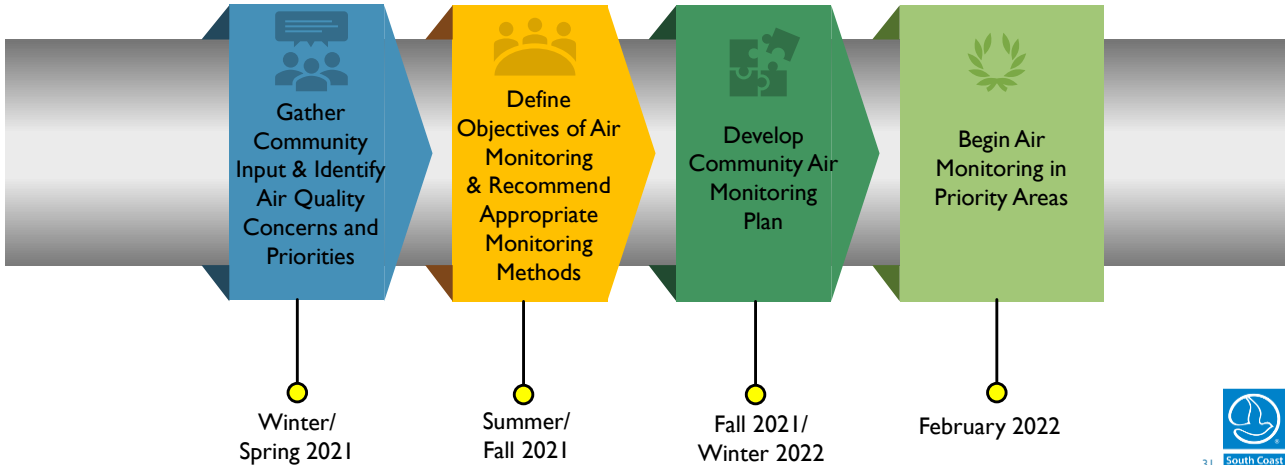


2: Continuous Data Dashboard



3: Time-Integrated Data Dashboard

WORK WITH THE CSC TO DEVELOP THE CAMP



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CAMP RELATED QUESTIONS

- Please contact:

Angela Haar, PhD
Principal Air Quality Chemist
AHaar@aqmd.gov
909-396-2518



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UPCOMING DATES

- 9/14 (5:30 – 7:00 PM) – Mobile Sources Subcommittee
- 9/30 (5:30 – 7:00 PM) – Oil and Gas Subcommittee
- 10/7 (4:00 – 6:00 PM) – CSC Meeting



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SOUTH COAST AQMD CONTACTS: SLA



- CERP
Nicole Silva
Program Supervisor
nsilva@aqmd.gov
909-396-3384
- CSCP
Evangelina Barrera
Sr. Public Information Specialist
ebarrera@aqmd.gov
909-396-2583
- CAMP
Payam Pakbin
Program Supervisor
ppakbin@aqmd.gov
909-396-2122
- CAMP
Angela Haar
Principal AQ Chemist
ahaar@aqmd.gov
909-396-2518



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