

INTRODUCTION TO SOUTH COAST AQMD

Southeast Los Angeles (SELA) Kick-off Meeting
January 9, 2020

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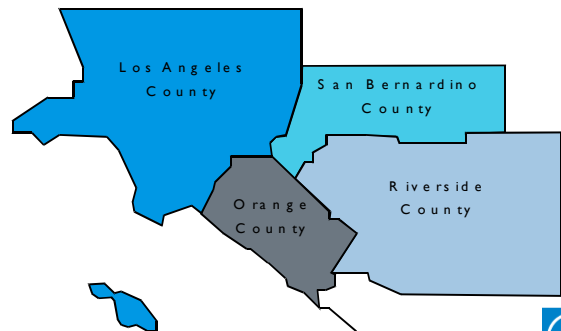


Who Are We?





*We are the regional government agency that
cleans the air to protect public health*

Adopt air quality rules and regulations

- Enforce District rules through:
 - Periodic Inspections
 - Responding to air quality complaints
- Clean technology
- Air monitoring
- Public outreach



Air Quality: Regulatory Structure

<p>Federal U.S. Environmental Protection Agency (EPA)</p>	<p>State California Air Resources Board (CARB)</p>	<p>Local Air Districts (South Coast AQMD)</p>
<ul style="list-style-type: none"> Adopts Health-Based National Air Quality Standards Regulates Interstate Sources (Trains, Aircraft, Ships, etc.) 	<ul style="list-style-type: none"> Adopts Health-Based State Air Quality Standards Regulates Cars, Trucks, Fuels, Consumer Products 	<ul style="list-style-type: none"> Monitor Air Quality; Issue Health Alerts Prepare Clean Air Plans Regulate over 27,000 Stationary Sources Issue over 10,000 permits annually  

Examples of Facilities We Regulate



Automotive Painting



Gas Station



Dry Cleaner



Hospital



Refinery



Power Plant

AB 617 OVERVIEW & CSC

SOUTHEAST LOS ANGELES (SELA) KICK-OFF MEETING
JANUARY 9, 2020

Gina Triviso
Sr. Public Information Specialist



The Program's
focus is
to reduce exposure
in communities
most impacted by
air pollution.

ASSEMBLY BILL 617



5 communities:

Year 1:

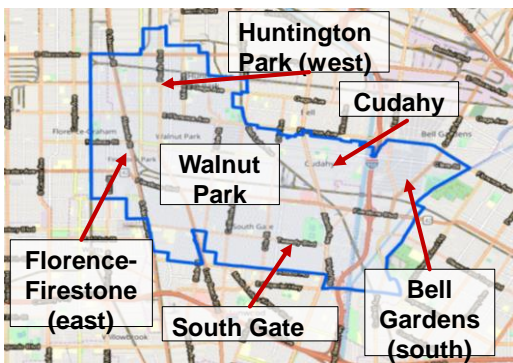
- 1) Wilmington/Carson/West Long Beach;
- 2) San Bernardino/Muscoy; and
- 3) East Los Angeles/Boyle Heights/West Commerce.

Year 2:

- 1) South East Los Angeles
- 2) Eastern Coachella Valley

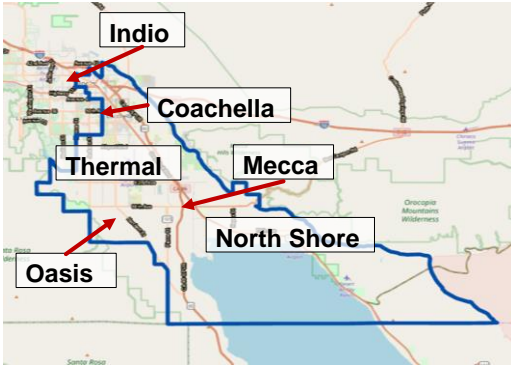
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SOUTH EAST LOS ANGELES (SELA):
 SOUTH GATE, FLORENCE-FIRESTONE (EAST), WALNUT PARK, HUNTINGTON PARK (WEST), CUDAHY, BELL GARDENS (SOUTH)



EASTERN COACHELLA VALLEY (ECV)

Coachella, Indio, Mecca, North Shore, Oasis, Thermal



AB 617 COMMUNITIES





Community Steering Committee

AB 617 A community-focused program to monitor and reduce air pollution emissions

Active residents & community leaders

Community organizations

Schools/ Colleges

Hospitals

Government Agencies

Local Businesses

Purpose

To collaborate with diverse stakeholders to advise South Coast AQMD on community air monitoring and emission reduction programs.

This includes:

- Identifying & prioritizing local air pollution issues
- Assist in developing emissions reductions strategies



Expectations

- Communication to/from stakeholders
- Have a strong community network
- Attend monthly meetings
- Represent the group/ category you identify with
- Maintain respectful discussion

Questions & Comments to ab617@aqmd.gov

CERP & CAMP DEVELOPMENT

Community Emission Reductions Plan (CERP)



Community Air Monitoring Plan (CAMP)





Pathway of AB 617

Overview of the general pathway to implement the Community Emissions Reduction Plan (CERP) Process and Community Air Monitoring Plan (CAMP).



1/7/19

AB 617 – 2020 COMMUNITY STEERING COMMITTEE TENTATIVE SCHEDULE

January 9, 2020	Community Kick-off Meeting Location: Salt Lake Park 6:00 – 8:30 pm Huntington Park	June 11, 2020	Community Steering Committee Meeting Location:TBD
February 6, 2020	Community Steering Committee Meeting Location:TBD	September 10, 2020	Community Steering Committee Meeting Location: South Gate Park Auditorium 6:00 – 8:30 pm South Gate
March 12, 2020	Community Steering Committee Meeting Location:TBD	October 8, 2020	Community Steering Committee Meeting Location:TBD
April 9, 2020	Community Steering Committee Meeting Location:TBD	November 5, 2020	Community Steering Committee Meeting Location: South Gate Park Auditorium 6:00 – 8:30 pm South Gate

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AIR QUALITY 101



Dianne Sanchez
Air Quality Specialist

JANUARY 9, 2020

TYPES OF AIR POLLUTION

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



EXAMPLES OF AIR POLLUTION TYPES

Toxic Air Contaminants

- Arsenic
- Hexavalent Chromium (**CrVI**)
- Benzene
- Nickel
- Selenium
- Mercury
- Diesel particulate matter (**Diesel PM**)

Criteria pollutants

- Carbon Monoxide
- Lead
- Nitrogen Dioxide (**NO2**)
- Particulate matter (**PM**)
- Ozone (O3)
- Sulfur Dioxide (**SOx**)

Greenhouse Gases

- Carbon Dioxide (**CO2**)
- Methane
- Nitrous Oxide (**NOx**)
- Chlorofluorocarbons (**CFCs**)

Classes of Compounds

- Oxides of nitrogen (**NO + NO2 = NOx**)
- Reactive organic gases (**ROG**)
- Particulate matter of 2.5 microns (**PM2.5**)



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DIFFERENT SOURCES OF AIR POLLUTION

Examples:

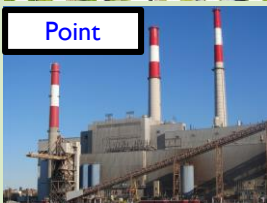
- Boilers
- Heaters
- Paints and coatings

Stationary

Area



Point



Examples:

- Smokestacks
- Oil wells

Mobile

Off-road



On-road



Examples:

- Trains
- Forklifts
- Tractors

Examples:

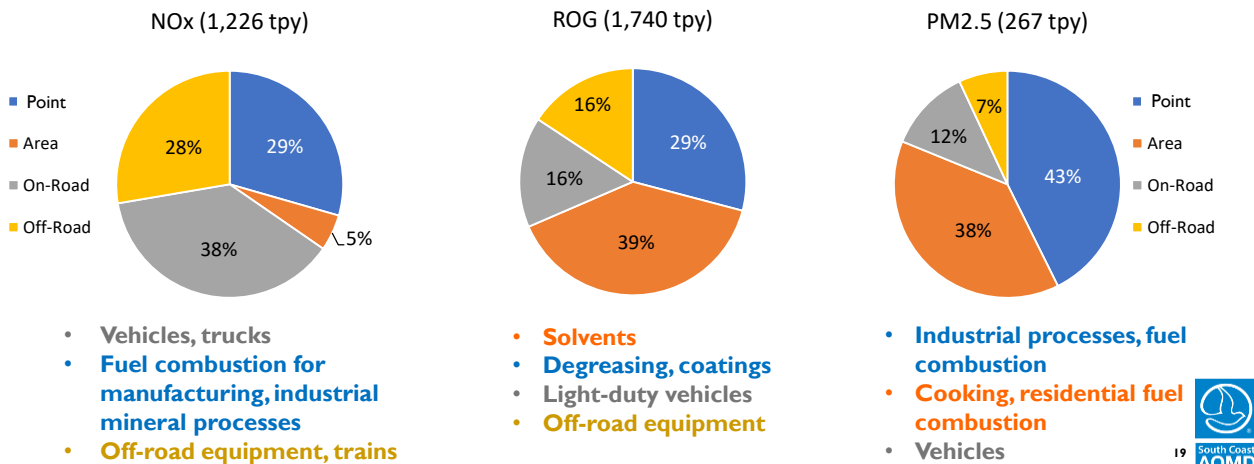
- Cars
- Buses
- Trucks



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WHAT ARE THE SOURCES OF AIR POLLUTION IN SOUTHEAST LOS ANGELES?

2017 Preliminary Source Contributions (tons per year)



AB 617 COMMUNITY EMISSIONS REDUCTION PLAN (CERP)

- **What is a CERP?**
 - A **local plan** to reduce air pollution emissions by addressing community **air quality priorities**
 - Includes **actions** to reduce emissions in **partnership** with community stakeholders
- **How does the community provide direct input to the CERP?**
 - Community Steering Committee
 - Series of meetings
 - Committee presentations and testimonials
 - Additional Public Meetings
 - Community Workshops
 - Technical Advisory Group Meetings
 - One-on-one meetings
 - In-person meetings
 - Phone calls
 - Emails



EXAMPLES OF CERP ACTIONS

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

EXAMPLES OF CERP ACTIONS AND EMISSION REDUCTIONS



Emission reductions are achieved through specific actions in each CERP, for example:

- **Additional Regulations**
 - o CARB and South Coast AQMD rules and regulations
- **Focused Enforcement**
 - o Truck idling sweeps
- **Air Monitoring**
 - o Mobile/stationary air monitoring assessing hot spots
- **Other**
 - o Prioritization of incentive funds
 - o Inter-agency collaboration

SUMMARY OF CERP PROCESS

Launch

- Establish community steering committee (CSC)
- CSC identifies air quality priorities



Development

- Conduct regular CSC meetings and workshops to develop:
 - Emission reduction **goals and targets**
 - Identify **actions** and **strategies** to achieve goals and targets

Implementation

- CERP is **adopted** by South Coast AQMD Governing Board and **approved** by CARB Board
- Begin implementing CERP actions to reduce emissions



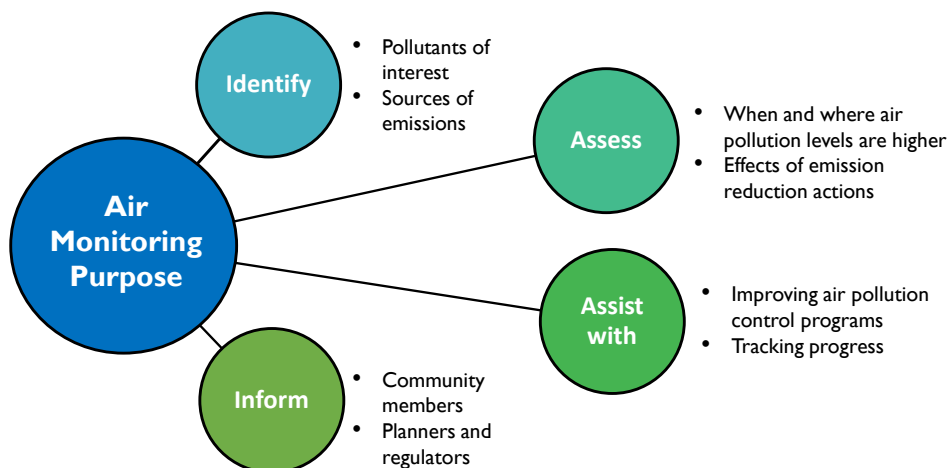
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AB 617 COMMUNITY AIR MONITORING PLAN (CAMP)

Payam Pakbin
Program Supervisor

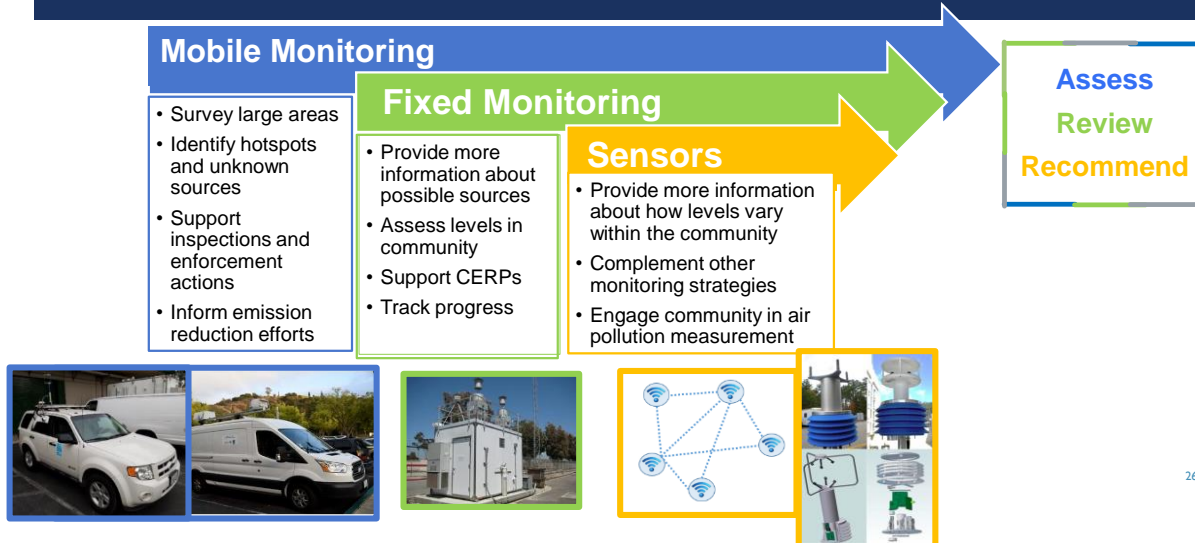
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WHY DO WE MONITOR AIR POLLUTION?



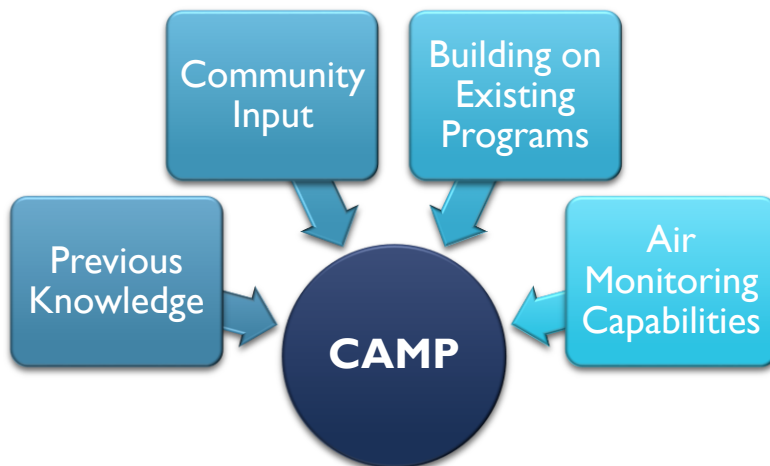
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GENERAL AIR MONITORING APPROACH

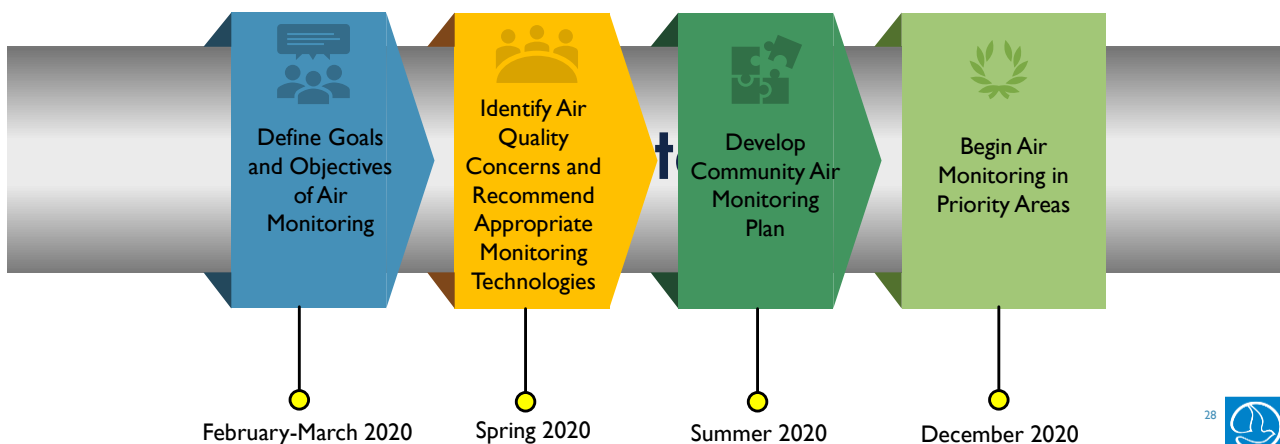


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COMMUNITY AIR MONITORING PLAN (CAMP)



WORKING WITH THE COMMUNITY STEERING COMMITTEE (CSC) TO DEVELOP THE MONITORING PLAN



THANK YOU!

For more info, contact community liaisons (year 2):

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(SELA)**

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**Eastern Coachella Valley
(ECV)**

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South Coast AQMD's AB 617 web page:
www.aqmd.gov/AB617

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