

# Community Snapshot: Wilmington, Carson, and West Long Beach

## Biomonitoring California Scientific Guidance Panel Meeting

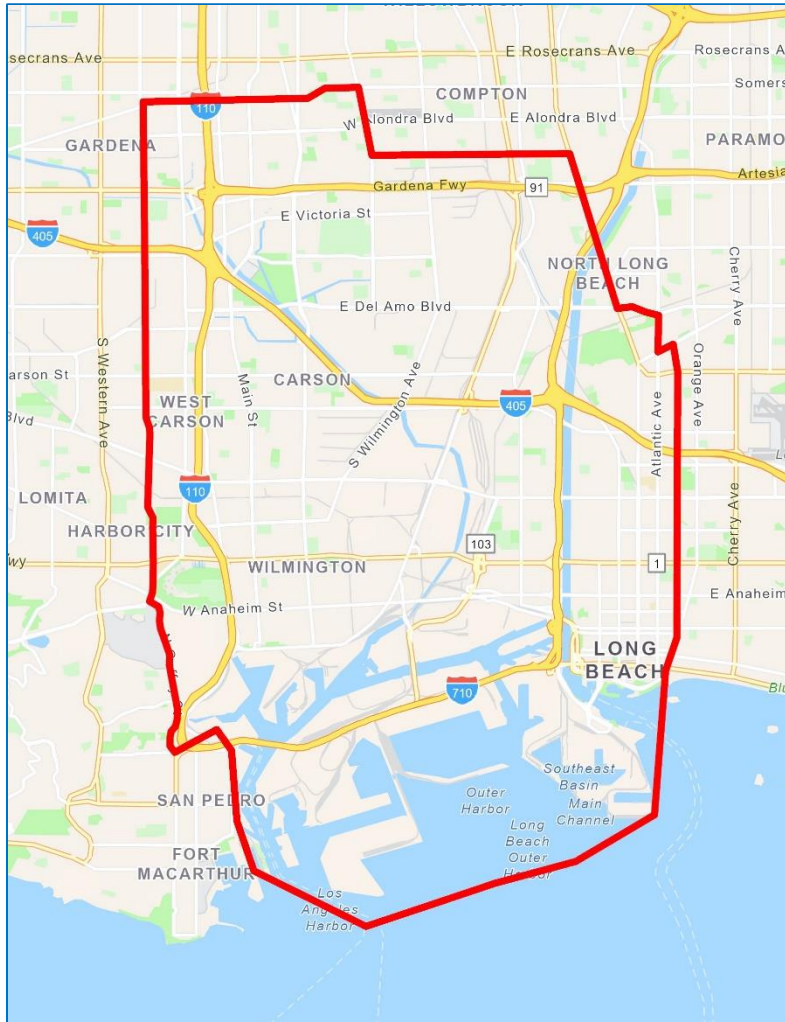
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# Community Profile



## Wilmington, Carson, West Long Beach

- 72 square miles
- Population of 363,539
- 43.1 miles of freeways
- Compared to state of California:
  - Higher percentage of Latinos, African-Americans, and Asians
- Two busiest ports in the nation

# Community Concerns

- 5 Refineries (NO<sub>x</sub>, SO<sub>x</sub>, VOCs)
- 2 Ports (Diesel PM)
- Heavy-Duty Trucks (Diesel PM)
- 9 Railyards (Diesel PM)
- Over 4,000 Oil Drilling and Production Sites (VOCs)



# Community Partners

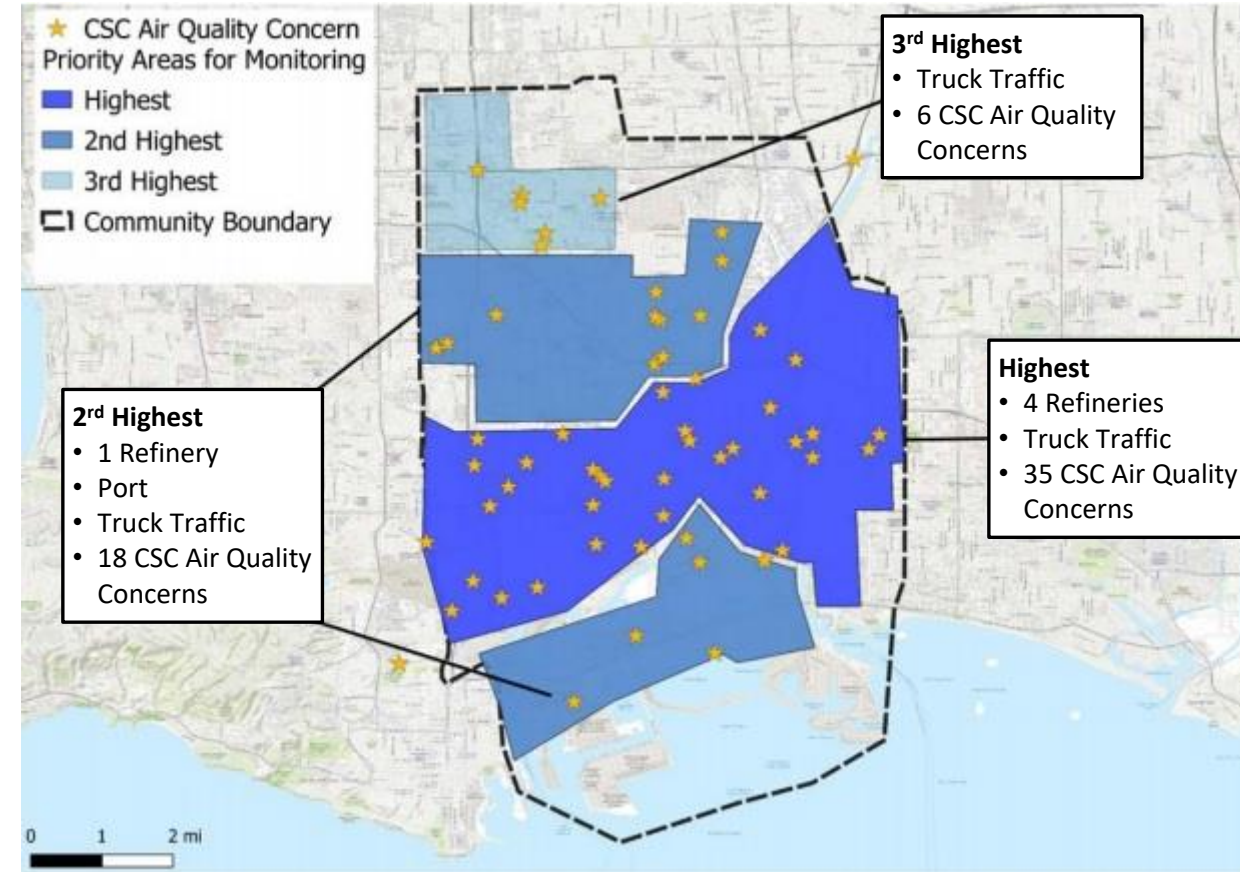
- Environmental Justice Groups
  - Coalition for a Safe Environment
  - Communities for a Better Environment
- Cities of:
  - Carson
  - Long Beach
  - Los Angeles
- University of Southern California
- Marathon Refinery





# Community Air Monitoring

- Implementation started in July 2019
- Monitoring methods include:
  - Mobile
  - Fixed
  - Low-cost sensors
- Pollutants of concern include:
  - PM 10
  - PM 2.5
  - Ultrafine particles
  - VOCs
  - Black carbon
- Proposed monitoring areas can change based on additional input from the community or from initial monitoring



# Community Emissions Reduction Program (CERP)

- Adopted by the South Coast Air Quality Management District's Governing Board on September 6, 2019
- Includes 18 actions based on community priorities and collaboration with state and local agencies
- Strategies include regulations, incentives, air monitoring, enforcement, outreach, and collaboration.
- The CERP includes the following targets:
  - 20.6 tons/year and 64 tons/year for VOCs by 2024 and 2030, respectively
  - 9 tons/year and 20 tons/year for Diesel PM by 2024 and 2030, respectively
- CARB public hearing to approve CERP in March 2020

# Lessons Learned and Local Challenges

- Building trust between community members/organizations and government agencies/industry for consensus building on actions
- Providing the community steering committee with a large volume of information
- Defining the Blueprint and CARB's role early in the process

# Resources

- Assembly Bill 617
  - [https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\\_id=201720180AB617](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB617)
- Community Air Protection Webpage
  - <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program>
- Community Air Protection Blueprint
  - <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program/community-air-protection-blueprint>
- Contact Information

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