

Community Air Initiatives

East Los Angeles, Boyle Heights, West
Commerce
Community Steering Committee
Meeting #7

*Thursday, June 27, 2019
Commerce Senior Center
Commerce, CA*

Announcements

- Discussion Draft Community Emissions Reduction Plan (CERP) – Now Available*
- Community Workshop for Draft CERP – July 25 from 5:30 to 6:00 PM (immediately prior to CSC Meeting #8)



*Discussion Draft CERP available at: <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/east-la/community-emissions-reduction-plan>

ELABHWC Progress

Community Reported Air Quality Concerns

Air Quality Concern Prioritization

Strategies and Proposed Actions for Reported Air Quality Concerns (Part 2)

Draft of Air Monitoring Plan available for public input, submit to CARB staff

Stationary Source Committee

Governing Board Hearing

November

December

January

February

March

April

May

June

July

August

September

Community Boundary Discussion

Strategies and Proposed Actions for Reported Air Quality Concerns (Part I)

Draft Air Monitoring Plan

Discussion Draft Community Emissions Reduction Plan

Begin Monitoring, Committee Consideration

Committee Presenters

- AB 617 is a collaborative effort
- Seeking volunteer Community Steering Committee (CSC) members to present
- Highlight efforts within the East Los Angeles, Boyle Heights, West Commerce (ELABHWC) Community that could be part of the AB 617 Community Emission Reduction Plan (CERP)
- Who would you like to hear from?
 - Let us know!

Green Zones Program

Los Angeles County

South Coast AQMD

AB 617 Steering Committee Meeting

June 27, 2019



Background

- 2015 Board Motion
 - Equitable Development Work Program
- Focus on disproportionate environmental and health impacts in disadvantaged communities
 - Development of “Toxic Hotspots Map”
 - Land use recommendations
 - Stakeholder engagement



Green Zones Program



**Environmental Justice
Screening Map**



**Zoning
Requirements**



**Stakeholder
Engagement**



Business Incentives



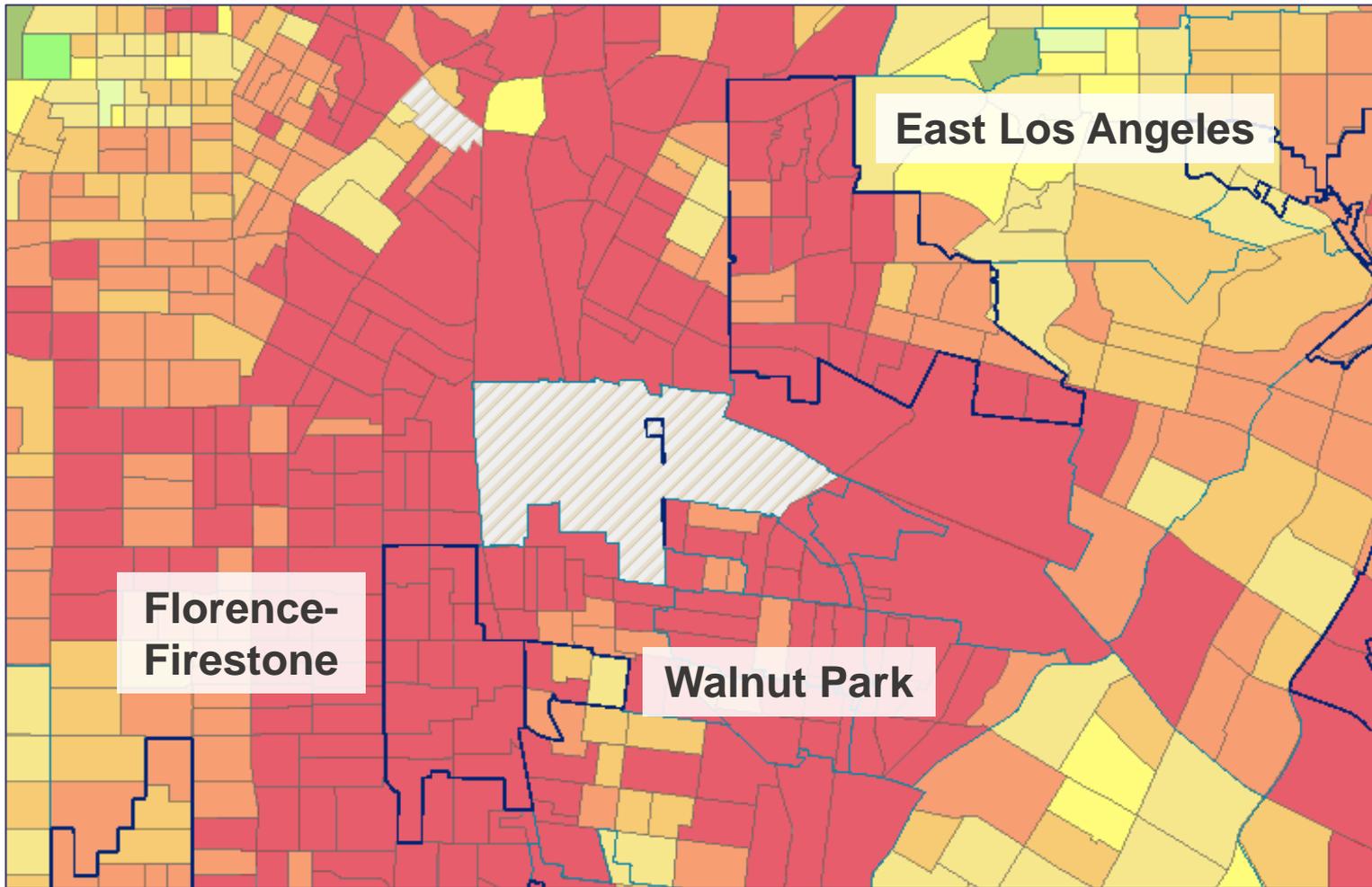
Agency Coordination



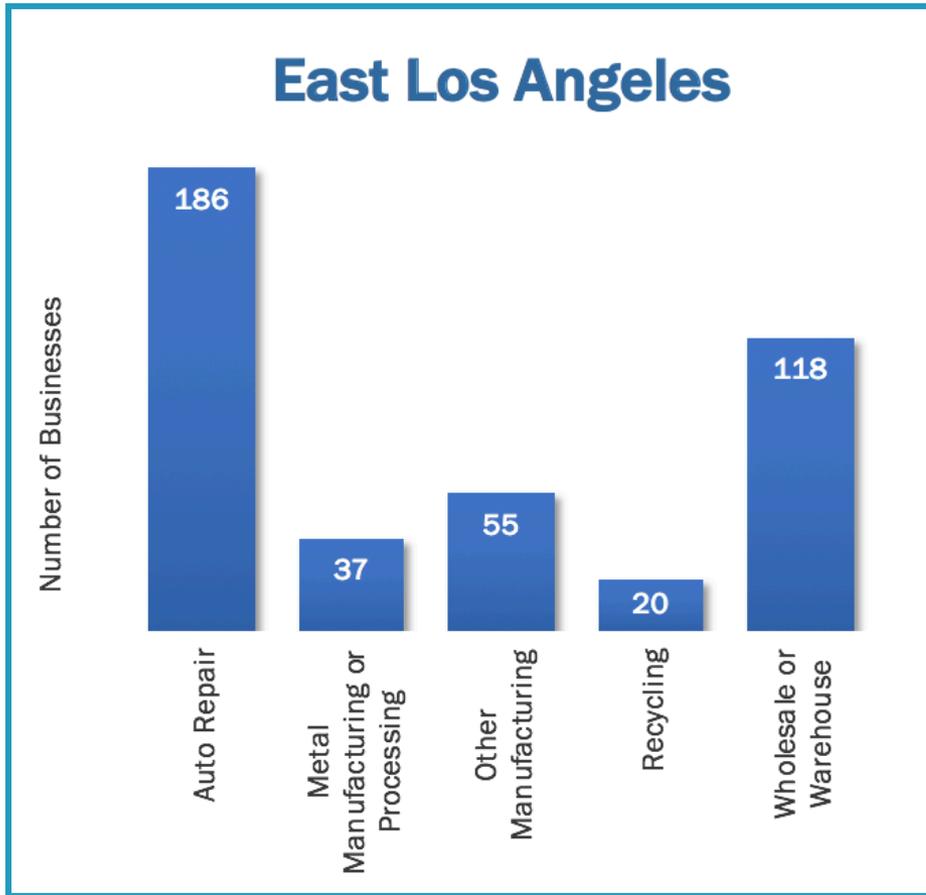
Groundtruthing



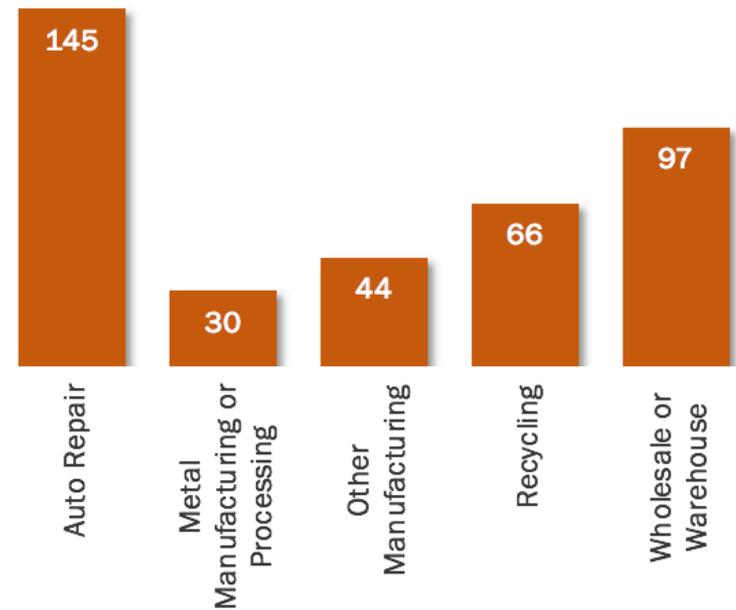
Groundtruthing



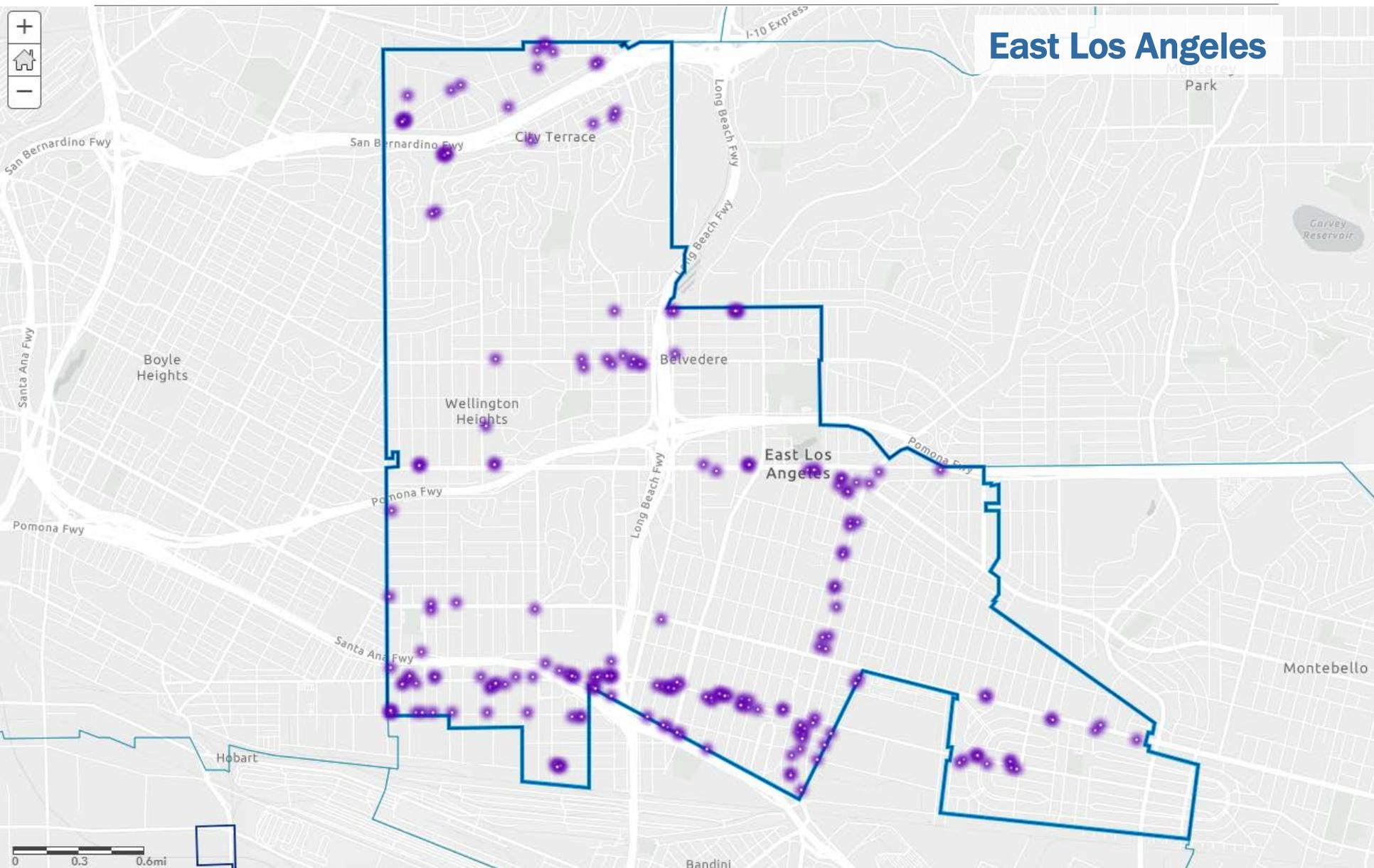
Five Business Types



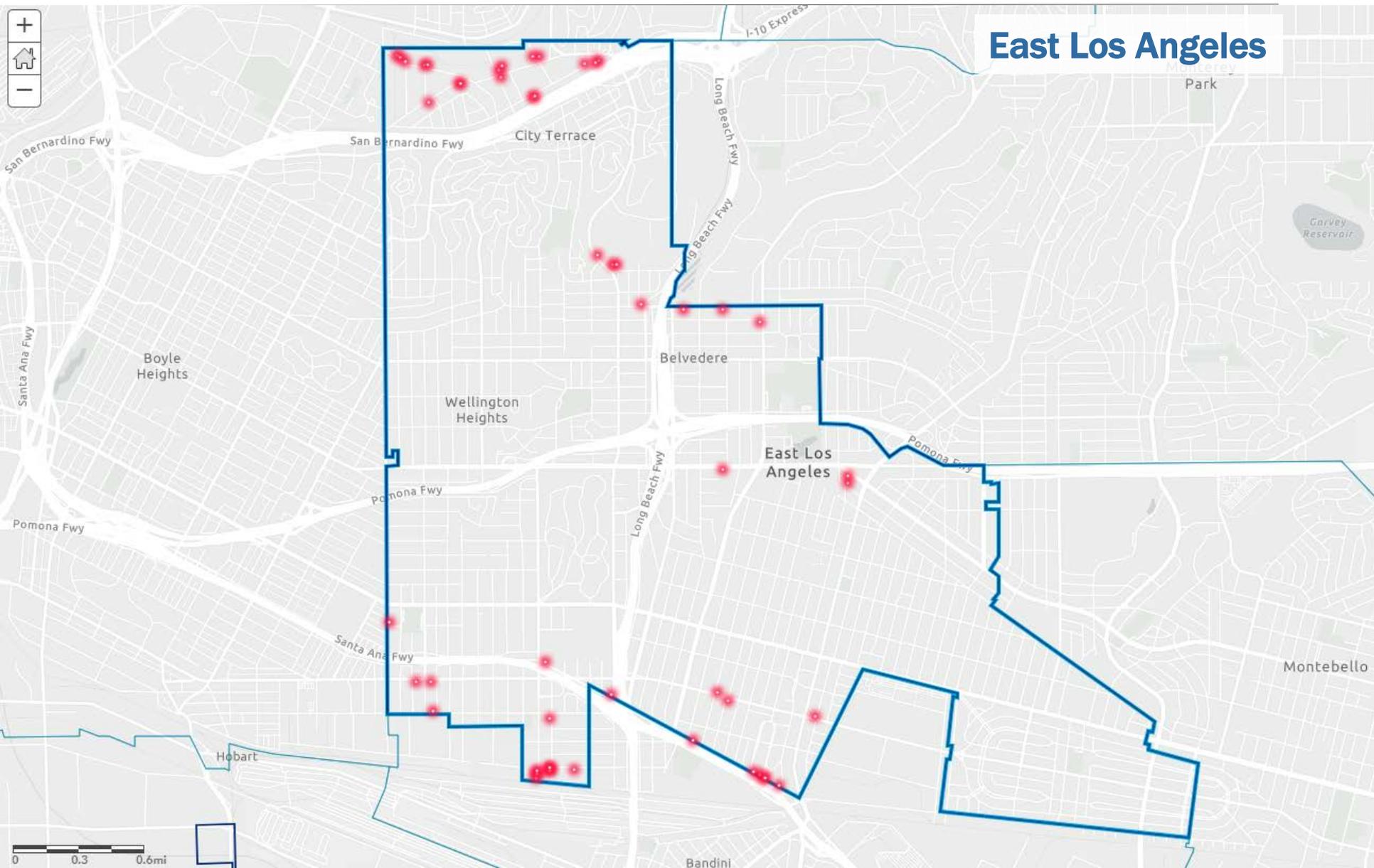
Florence-Firestone / Walnut Park



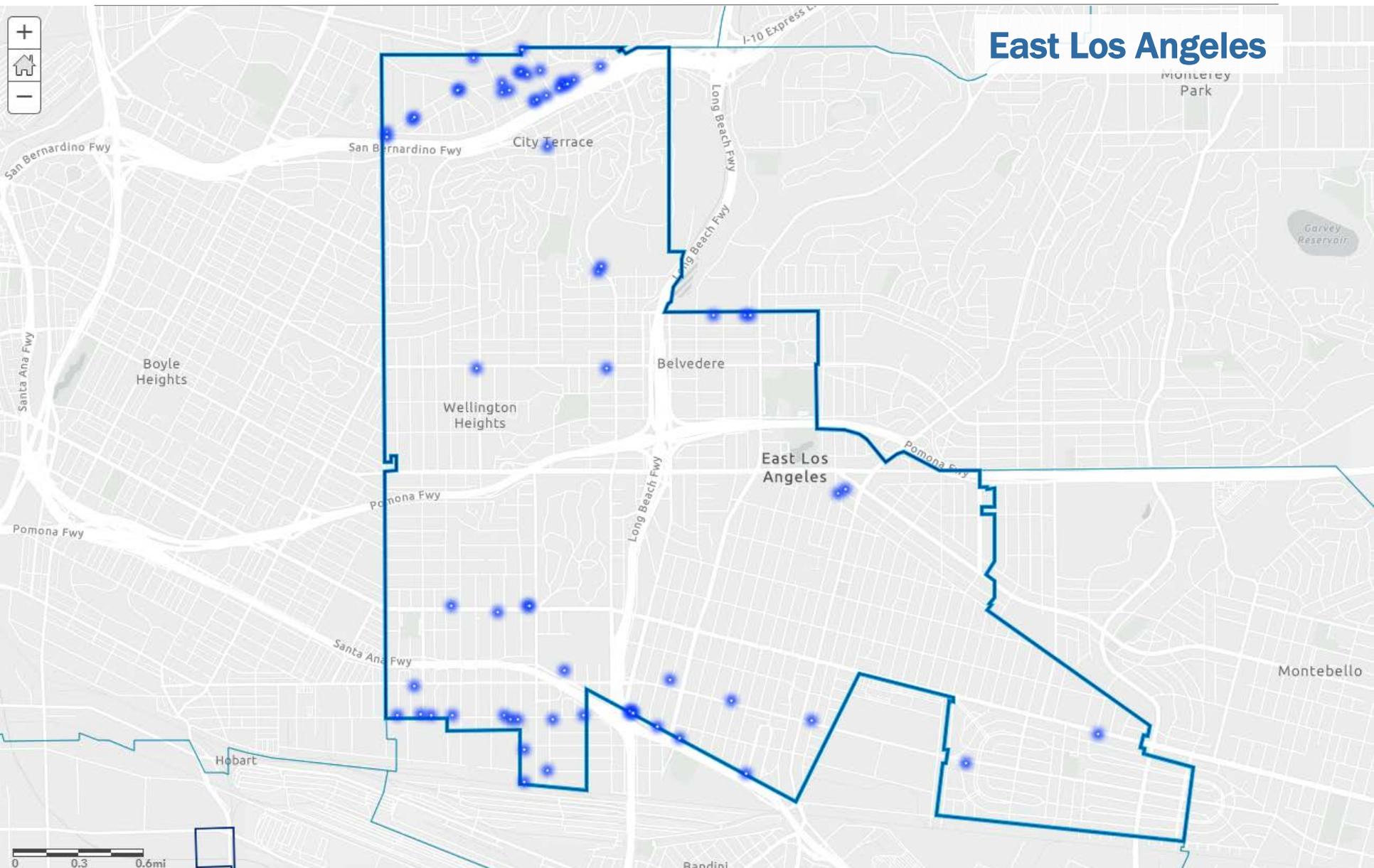
Auto Repair



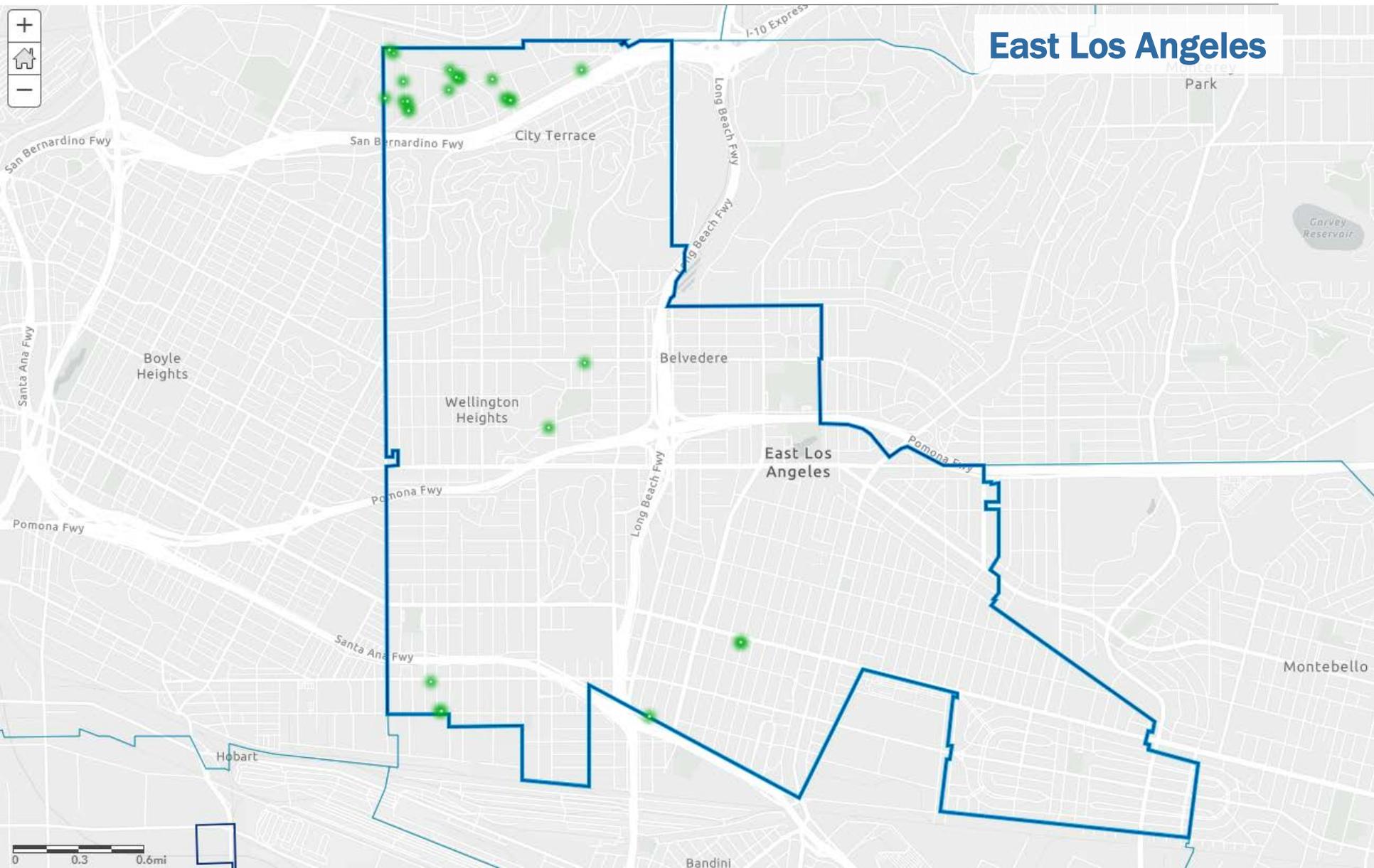
Metal Manufacturing or Processing



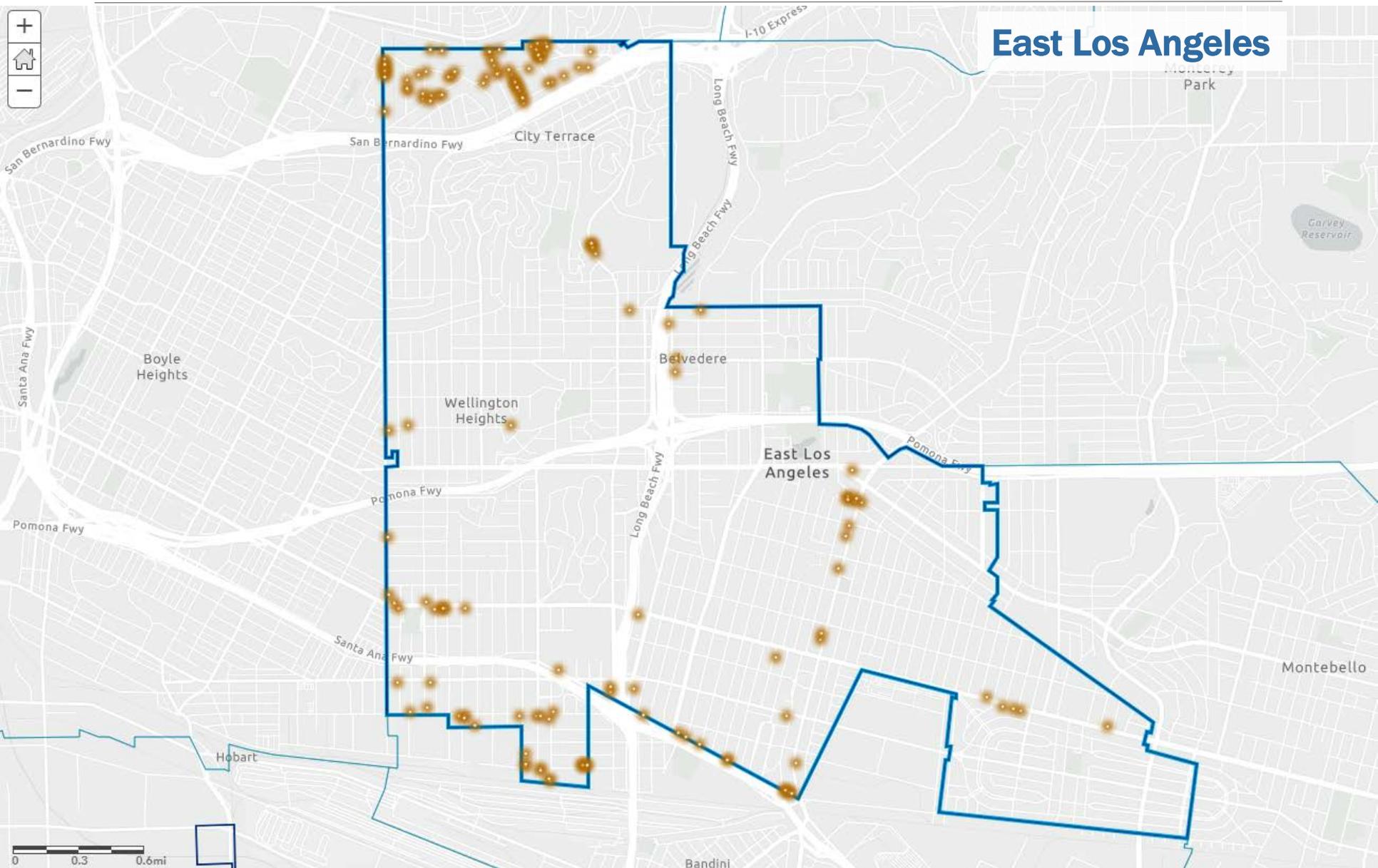
Other Manufacturing



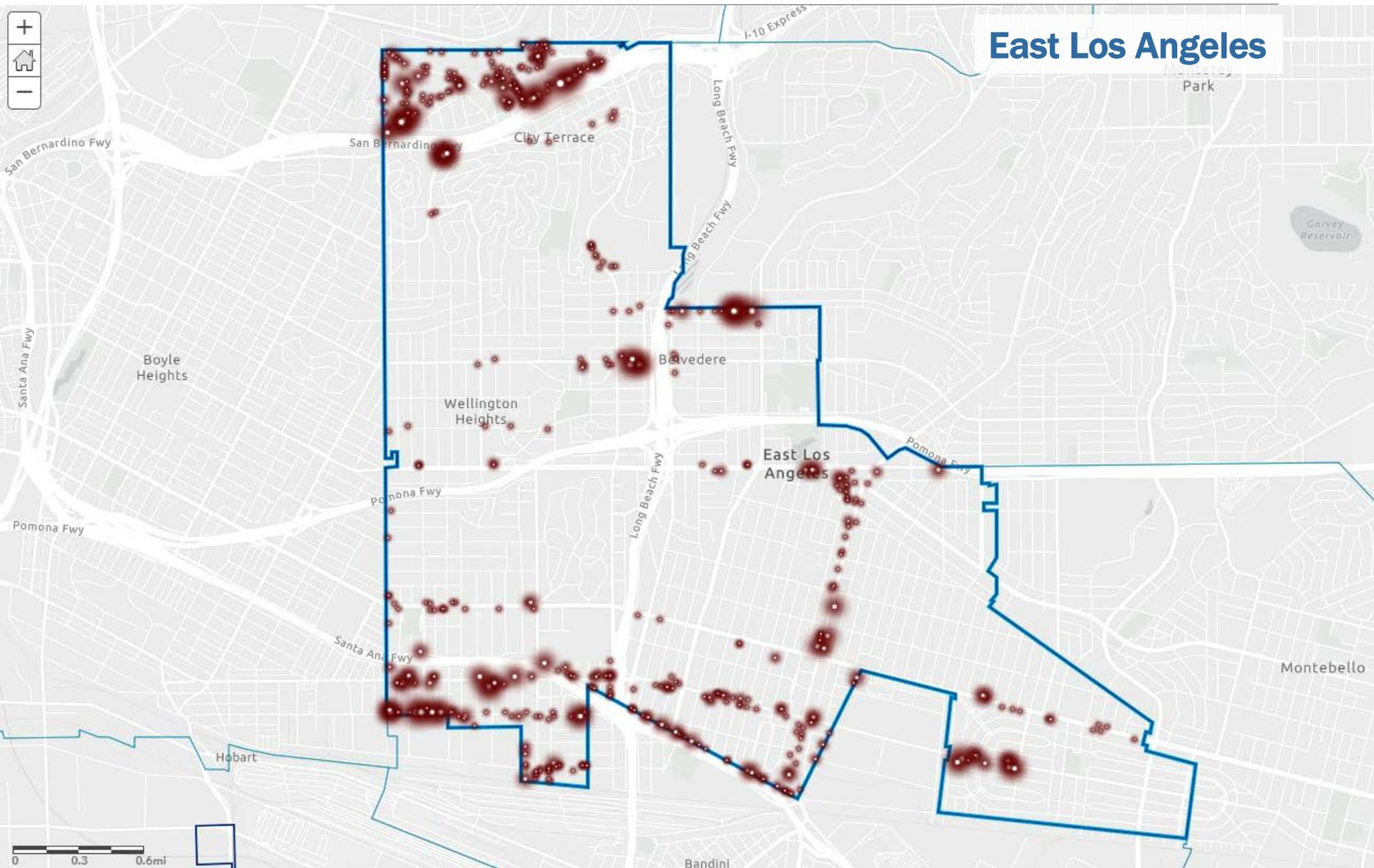
Recycling



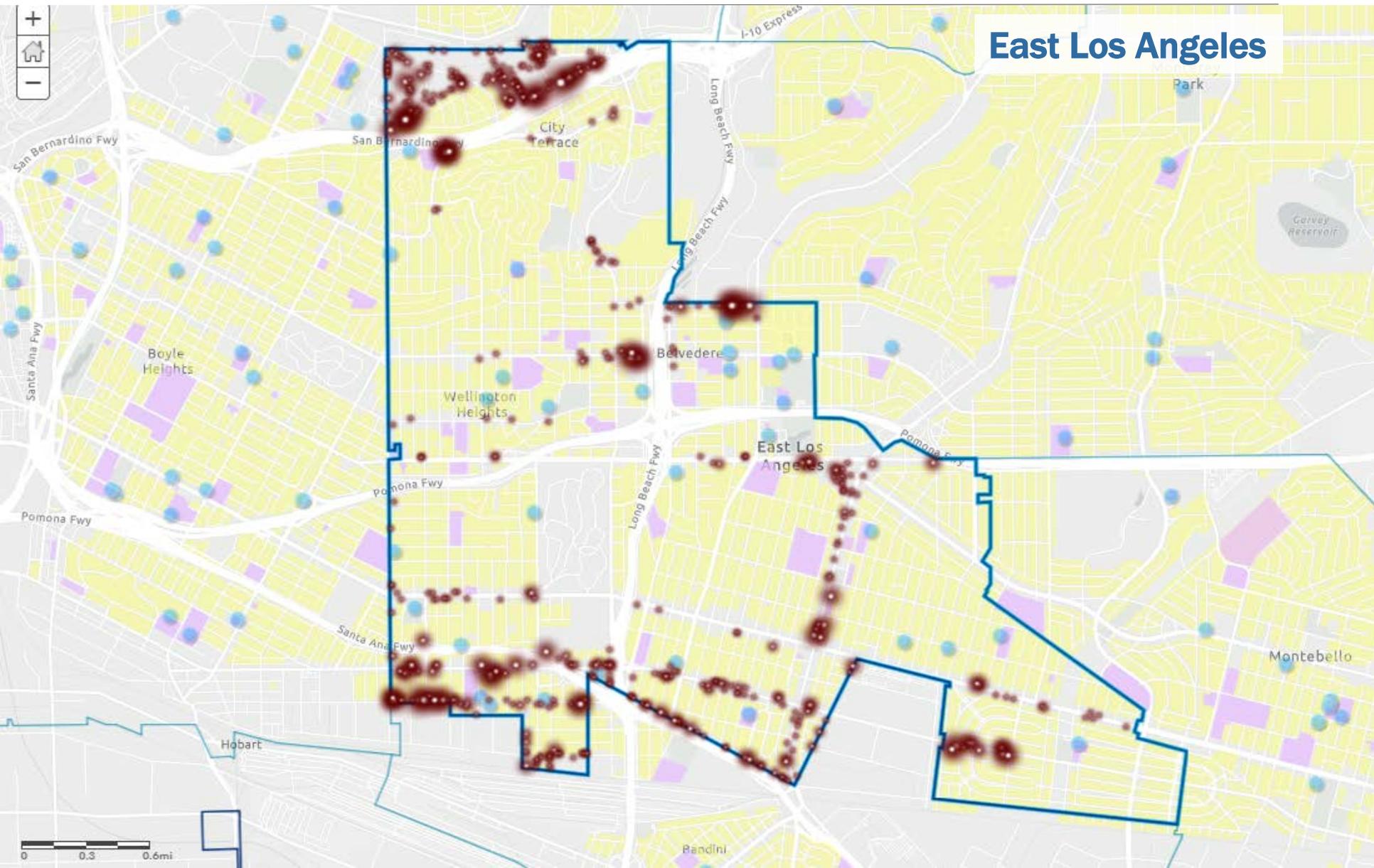
Wholesale or Warehouse



All Five Business Types with Effects



Sensitive Uses



Report-Back Meeting

- High concentration of auto-related businesses
- Industrial uses are dispersed throughout both communities
- Close proximity to sensitive uses
- Compact development of both residential and industrial uses



Next Steps

- Draft Ordinance
- Finalize EJSM
- Agency coordination
- Business incentive program
- Environmental Review and Health Impact Assessment
- Public Hearing in 2020

Website: <http://planning.lacounty.gov/greenzones>

Contact: Soyeon Choi, schoi@planning.lacounty.gov or 213-974-6417



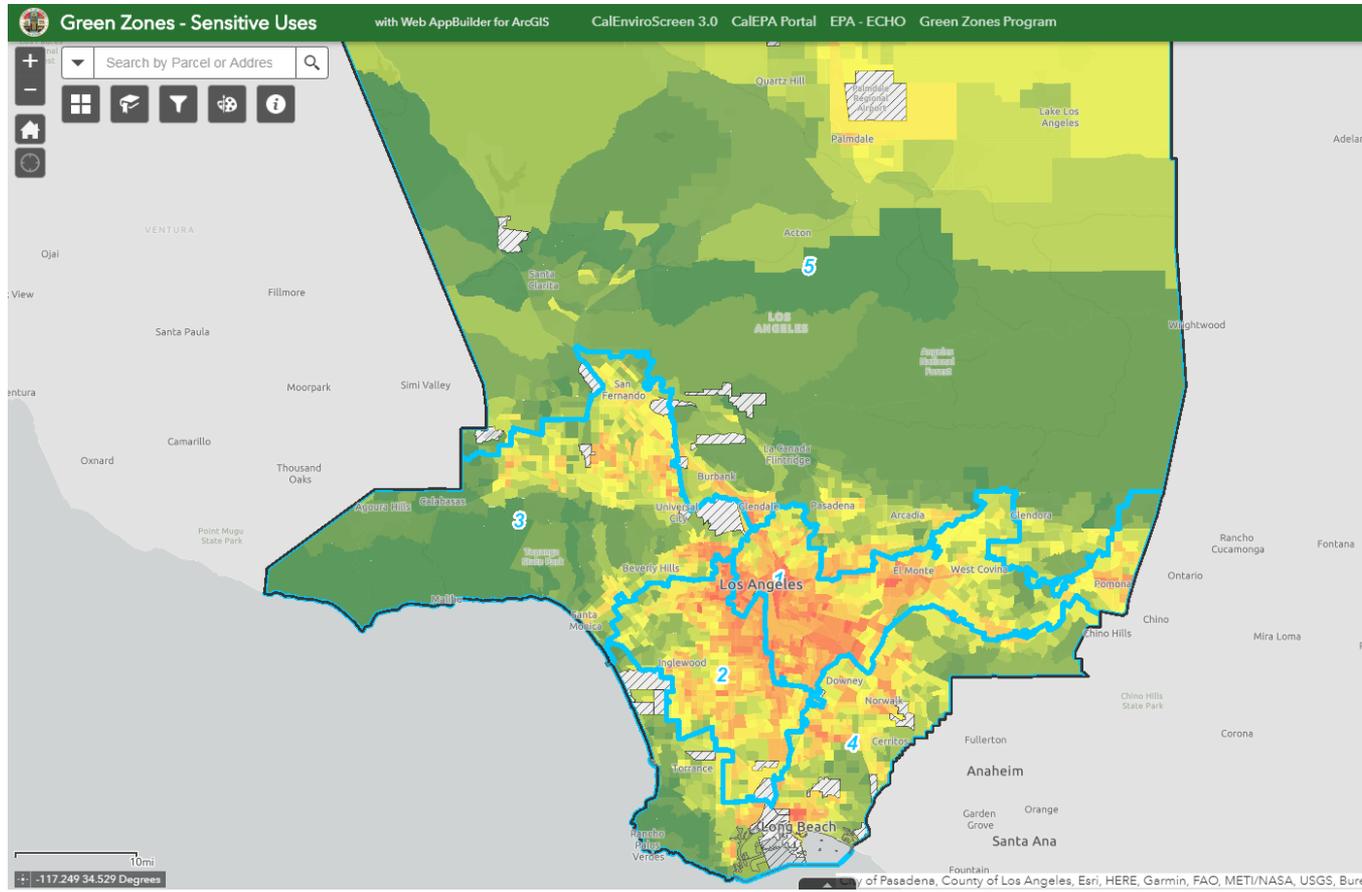
Report-Back Meeting

- Discussion
 - Auto-related, metal-related, and recycling uses
 - Stronger coordination between enforcement and permitting
 - More landscaping and setbacks
 - Buffer, walls, impervious surfaces
 - Incentives for small businesses
 - Odor and dust control
 - Enclosure



Environmental Justice Screening Map

- Preliminary Draft



Where Does Air Pollution Come From?

TAG Meeting Overview

Technical Advisory Group (TAG):

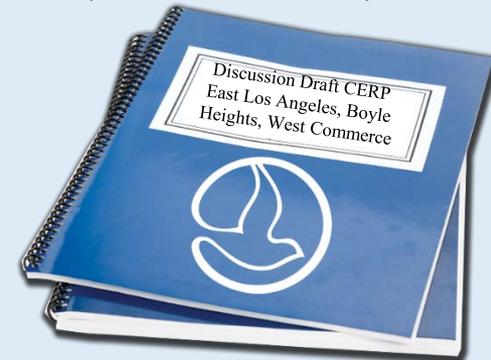
Member name	Affiliation
Marisa Blackshire	BNSF
Hector J. Garcia	Our Lady of Victory
Rafael Yanez	Active Resident – East Los Angeles

Discussion Draft Community Emissions Reduction Plan (CERP)



Discussion Draft Community Emissions Reductions Plan (CERP)

- Developed based on input from the CSC about air quality priorities
- Critical to receive input/feedback on Chapter 5 – Actions to Reduce Community Air Pollution
- *Not final*, opportunity to provide comments and revise language
- Technical Advisory Group will be discussing Chapter 3 section on source attribution at their next meeting



- Discussion Draft CERP available at:
<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/east-la/community-emissions-reduction-plan>

CERP Discussion Draft Comment Period

- Today's discussion will be included as part of comments received
- In general, we will address comments after the end of the comment period for the Discussion Draft CERP
- Comments and responses will be posted online or as part of the Draft CERP

Submit Comments - Due July 8

Online Form

[Click Here To Submit Comments](#)

Chapter 5: Actions to Reduce Community Air Pollution

- Each air quality priority is listed as a subchapter, as seen below:

Chapter 5a – Actions to Reduce Air Pollution Emissions or Exposures – Overview	Discussion Draft - June 2019
Chapter 5b – Neighborhood and freeway traffic (trucks and automobiles)	Discussion Draft - June 2019
Chapter 5c – Railyards	Discussion Draft - June 2019
Chapter 5d – Metal processing facilities	Discussion Draft - June 2019
Chapter 5e – Rendering facilities	Discussion Draft - June 2019
Chapter 5f – Autobody shops	Discussion Draft - June 2019
Chapter 5g – Exposure reduction for sensitive populations in schools and childcare centers	Discussion Draft - June 2019
Chapter 5h – General concerns about industrial facilities, including a waste transfer station	Discussion Draft - June 2019

For more information: <https://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/east-la/community-emissions-reduction-plan>

Using the Action Template (Example)

1	Action 2: Reduce Exposure to Harmful Air Pollutants at Schools	
2	Course of Action:	
	<ul style="list-style-type: none"> Work with Los Angeles Unified School District and [insert Collaborating Agency here] to implement installation of high efficiency air filtration systems by working with the school district and community to prioritize schools, childcare centers, libraries, and community centers near truck routes, railyards, and other industrial sources identified by the CSC6 Work with appropriate agencies toward replacing filters at schools that have existing air filtration systems and installing systems at schools, childcare centers, libraries and community centers that do not have these systems 	
3	Strategy:	
	<ul style="list-style-type: none"> Exposure Reduction 	
4	Goal:	
	<ul style="list-style-type: none"> Installation of air filtration systems in [insert number of filtration systems to be discussed by CSC members] schools, childcare centers, libraries, and community centers with priority given to [insert prioritizing criteria or schools, to be discussed by CSC members] 	
5	Estimated Timeline:	
	<ul style="list-style-type: none"> Mid-2020, begin installation of air filtration systems in [insert number of schools] schools 	
6	Implementing Agency, Organization, Business or Other Entity:	
	Name:	Responsibility:
	South Coast AQMD	Installation of air filtration systems in schools
	[School Districts]	Partner with South Coast AQMD on installation of school air filtration systems and/or filter replacement programs
7	References:	
	For more information on air filtration in schools: https://www.aqmd.gov/docs/default-source/ceqa/handbook/aqmdpilotstudyfinalreport.pdf	

- 1. Action**
 - What the Action will do
- 2. Course of Action**
 - How the Action will be completed
- 3. Strategy**
 - Type of involvement for the action (e.g., Exposure Reduction, Monitoring, Enforcement, Public Information and Outreach, Rules and Regulations, Incentives)
- 4. Goal**
 - Achievements to address the Action
- 5. Estimated Timeline**
 - When we are expected to begin
- 6. Implementing Agency, Organization, Business, or Other Entity**
 - Who is responsible for the Action
- 7. References**
 - Where more information can be found

Goals: Measuring Success

1	Action 2: Reduce Exposure to Harmful Air Pollutants at Schools						
2	<p>Course of Action:</p> <ul style="list-style-type: none"> Work with Los Angeles Unified School District and [insert Collaborating Agency here] to implement installation of high efficiency air filtration systems by working with the school district and community to prioritize schools, childcare centers, libraries, and community centers near truck routes, railyards, and other industrial sources identified by the CSC6 Work with appropriate agencies toward replacing filters at schools that have existing air filtration systems and installing systems at schools, childcare centers, libraries and community centers that do not have these systems 						
3	<p>Strategy:</p> <ul style="list-style-type: none"> Exposure Reduction 						
4	<p>Goal:</p> <ul style="list-style-type: none"> Installation of air filtration systems in [insert number of filtration systems to be discussed by CSC members] schools⁷, childcare centers, libraries, and community centers with priority given to [insert prioritizing criteria or schools, to be discussed by CSC members] 						
5	<p>Estimated Timeline:</p> <ul style="list-style-type: none"> Mid-2020, begin installation of air filtration systems in [insert number of schools] schools 						
6	<p>Implementing Agency, Organization, Business or Other Entity:</p> <table border="1"> <thead> <tr> <th>Name:</th> <th>Responsibility:</th> </tr> </thead> <tbody> <tr> <td>South Coast AQMD</td> <td>Installation of air filtration systems in schools</td> </tr> <tr> <td>[School Districts]</td> <td>Partner with South Coast AQMD on installation of school air filtration systems and/or filter replacement programs</td> </tr> </tbody> </table>	Name:	Responsibility:	South Coast AQMD	Installation of air filtration systems in schools	[School Districts]	Partner with South Coast AQMD on installation of school air filtration systems and/or filter replacement programs
Name:	Responsibility:						
South Coast AQMD	Installation of air filtration systems in schools						
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7	<p>References:</p> <p>For more information on air filtration in schools: https://www.aqmd.gov/docs/default-source/ceqa/handbook/aqmdpilotstudyfinalreport.pdf</p>						

- **Goals** are achievements to address the Action
- Completing the goals are a measure of success
- CERP is written with built-in flexibility to permit necessary adjustments as new information becomes available. For example, this may include:
 - Monitoring and emissions data
 - New technologies
 - New funding sources or programs
 - New collaborations or partnerships
 - New or amended rules

Goals for Chapter 5b: Neighborhood and Freeway Traffic from Trucks and Automobiles

Action 1: Reduce Truck Idling

- Conduct [*X amount of*] focused inspections and targeted sweeps within a [*insert proposed timeframe*]
- Organize [*X amount of*] outreach events within a [*insert proposed timeframe*] to inform community members how to report idling trucks

Action 2: Reduce Emissions from Heavy- Duty Trucks

- Organize [*insert number*] of incentive outreach events per year and provide biannual updates to the CSC
- Provide biannual updates on CARB's rule development for truck regulations, and seek community input on progress
- [*CARB enforcement goal placeholder – CSC, please provide input to CARB regarding where enhanced enforcement should occur*]

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC Members
- CARB
- City & County of Los Angeles

Goals for Chapter 5b: Neighborhood and Freeway Traffic from Trucks and Automobiles

Action 3: Utilize Existing Traffic Information and New Technology to Identify Older Trucks for Incentives

- Explore the possibility of using ALPR systems in this community and prioritize locations for deployment based on community input
- Once ALPR systems have been deployed, work with City and County to provide information about the overall results
- Conduct initial set of air measurements using mobile platforms
- Provide quarterly or biannual updates to the CSC on progress made to collect and use data from these systems [*CARB enforcement goal placeholder – CSC, please provide input to CARB regarding where enhanced enforcement should occur*]

Action 4: Encourage Replacement of Older Vehicles with Cleaner Vehicles

- Organize [*insert number*] of incentive outreach events per year and provide biannual updates to the CSC

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CARB
- CSC Members
- City & County of Los Angeles

Goals for Chapter 5c: Railyards (On-site Emissions)

Action 1: Reduce Emissions from Railyards

- Provide bi-annual updates and engage the CSC on new requirements and/or other measures being developed by CARB and South Coast AQMD
- Provide quarterly or annual updates to the CSC on air monitoring results
- Replace **XX pieces of diesel equipment** at the railyards through incentive funding programs

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC members
- CARB

Goals for Ch 5d: Metal Processing Facilities

Action 1: Identify Areas to Conduct Air Monitoring for Fugitive Toxic Metal Emissions from Metal Processing Facilities

- Conduct [*insert number of monitoring sweeps*] and determine where air sampling or investigation efforts may be needed
- Identify locations of metal processing facilities in this community and make this data available to the public

Action 2: Reduce Emissions from Metal Processing Facilities through Outreach, Best Management Practices and Incentives

- Facilitate [*insert number of training sessions*] to educate business owners and workers on applicable facility rules and best management practices
- Hold [*specify number*] public outreach events to distribute information about the Small Business Assistance Program [*by certain time*]
- Provide the CSC with biannual or quarterly updates on public outreach events and incentive opportunities

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC members

Goals for Chapter 5e: Rendering Facilities

Action 1: Reduce Odors from Rendering Facilities

- Hold *[specify number]* of public outreach events to explain the requirements of Rule 415, and how the public can report odor complaints
- Conduct mobile monitoring near each of the 5 facilities
- Conduct inspections of each rendering facility in the community, and provide information about inspection results to CSC
- Provide quarterly or biannual updates to CSC

Implementing Agency,
Organization, Business, or Other
Entity:

- South Coast AQMD

Goals for Chapter 5f: Auto Body Shops

Action 1: Reduce Emissions from Auto Body Shops

- Hold *[specify number]* public outreach events to explain information about the South Coast AQMD's Small Business Assistance Program *[by certain time]*
- Distribute *[specify number]* outreach materials to auto body shops in this community to explain the requirements of Rules 402, 1151, and 1171 and South Coast AQMD's complaint system
- Collaborate with local fire departments (TBD) to inspect unpermitted auto body shops in the community and distribute pertinent outreach materials by *[certain time]*
- Conduct air monitoring of these types of facilities or *[specify and prioritize locations]* in one year
- Provide the CSC quarterly or biannual updates on enforcement or outreach activity

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC members

Goals for Chapter 5g: Schools, Childcare Centers, Community Centers, Libraries, and Public Housing Projects

Action 1: Reduce Exposure to Harmful Air Pollutants through Public Outreach

- Participate in 12 public outreach events (e.g., health fairs, Earth week event) at schools or childcare centers to provide information relating to air quality and reducing exposure, over the next 4 years
- Provide [*fill in number*] childcare centers with information relating to air quality effects on young children and reducing exposure, prioritizing centers based on CSC input
- Implement EJCP CARE and Kids Making Sense programs at schools, reaching over 300 students in the community over the next 3 years
- Collaborate with community-based organizations (e.g. AltaMed and COFEM) and cohost outreach meetings
- Work with appropriate entities to negotiate access to conduct school-based air monitoring for limited-term assessments

Action 2: Reduce Exposure to Harmful Air Pollutants at Schools, Childcare Centers, Libraries and Community Centers

- Installation of air filtration systems in [*insert number of filtration systems to be discussed by CSC members*] schools, childcare centers, libraries, and community centers with priority given to [*insert prioritizing filters to be discussed by CSC members*]

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- AltaMed
- COFEM
- School Districts
- Community based organizations

Goals for Chapter 5h: General Concerns About Industrial Facilities

Action 1: Improve Public Outreach and Accessibility to Facility Information

- Conduct [*insert number of outreach events*] in this community to gather feedback on enhancements to the FIND tool
- Demonstrate revised FIND database at [*insert number of outreach events*] to provide training and increase awareness of FIND as a public information tool

Action 2: Improve Public Awareness about How to File an Air Quality Complaint

- Identify community partners (e.g. community centers, organizations, etc) to assist with outreach
- Conduct [*insert number of outreach events*] in this community to provide information and training on how to file air quality complaints by phone, web, or mobile app. See also Action 4 below
- If funding is obtained, conduct targeted advertising in this community for the 1-800-CUT-SMOG complaint line

Action 3: Work with Land Use Agencies to Verify Facility Permits and Develop Enhanced Permit Requirements

- For every facility identified that requires a permit but does not yet have one, work with facility to obtain appropriate South Coast AQMD permits
- Publish guidelines for land use agencies on building and property features that could reduce air pollution impacts from common facility types in this community
- If the Green Zones ordinance is adopted, develop a system to provide technical consultation pertaining to reducing facility air pollution emissions to LA County Planning on permit applications and renewals

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC members

Goals for Chapter 5h: General Concerns About Industrial Facilities

Action 4: Reduce Odors and Dust from Waste Transfer Stations

- Host one training course in the community and invite operations of each of the transfer stations; additional training courses can be organized if necessary
- Conduct [*insert number of outreach events*] this community to provide information and training on how to file air quality complaints by phone, web, or mobile app. Outreach will include information about rules that apply to waste transfer stations. See also Action 2 above
- Provided the CSC quarterly or biannual updates on outreach, enforcement, and monitoring activities
- Conduct initial screening using air measurement equipment to identify potential facilities that may be responsible for fugitive dust emissions and odor emissions. If persistent elevated levels are found and traced to a facility, notify facility operator and conduct additional follow-up monitoring to track progress with reducing emissions

Implementing Agency, Organization, Business, or Other Entity:

- South Coast AQMD
- CSC members

Estimated Timelines

Action 2: Reduce Exposure to Harmful Air Pollutants at Schools

Course of Action:

- Work with Los Angeles Unified School District and [insert Collaborating Agency here] to implement installation of high efficiency air filtration systems by working with the school district and community to prioritize schools, childcare centers, libraries, and community centers near truck routes, railyards, and other industrial sources identified by the CSC6
- Work with appropriate agencies toward replacing filters at schools that have existing air filtration systems and installing systems at schools, childcare centers, libraries and community centers that do not have these systems

Strategy:

- Exposure Reduction

Goal:

- Installation of air filtration systems in [insert number of filtration systems to be discussed by CSC members] schools7, childcare centers, libraries, and community centers with priority given to [insert prioritizing criteria or schools, to be discussed by CSC members]

Estimated Timeline:

- Mid-2020, begin installation of air filtration systems in [insert number of schools] schools

Implementing Agency, Organization, Business or Other Entity:

Name:	Responsibility:
South Coast AQMD	Installation of air filtration systems in schools
[School Districts]	Partner with South Coast AQMD on installation of school air filtration systems and/or filter replacement programs

References:

For more information on air filtration in schools:
<https://www.aqmd.gov/docs/default-source/ceqa/handbook/aqmdpilotstudyfinalreport.pdf>

Review Timelines and Send Comments

through online form:

<https://www.aqmd.gov/nav/about/initiatives/community-efforts/environmental-justice/ab617-134/east-la/community-emissions-reduction-plan>

**Click on "To submit comments, click here"*

- Actions include providing updates to the CSC, some as early as Fall 2019
- Rulemaking or rule development process takes several months to years for adoption
 - Rulemaking cannot begin earlier than 2020
 - CARB's rule process is longer than South Coast AQMD's
- Some actions require obtaining equipment or devices which can affect the estimated implementation date
- Outreach efforts may begin as soon as incentive or emissions data information becomes available

5



California Air Resource Board Enforcement Actions



California Air Resources Board Enforcement Efforts in Your Community

-

Past, Present, and Future

June 2019

Boyle Heights – West Commerce – East Los Angeles

AB 617 Community Steering Committee Meeting

CARB Enforcement Programs



Statewide
Trucks &
Buses



Idling
Trucks &
Buses



Drayage
Vehicles



Ocean
Going
Vessels



Shore
Power



Comm-
ercial
Harbor
Craft



Cargo
Handling
Equipment



Heavy-duty
Vehicle
Inspection
Program



Off-Road



Transport-
ation
Refriger-
ation Units



SmartWay



Solid
Waste
Collection
Vehicles

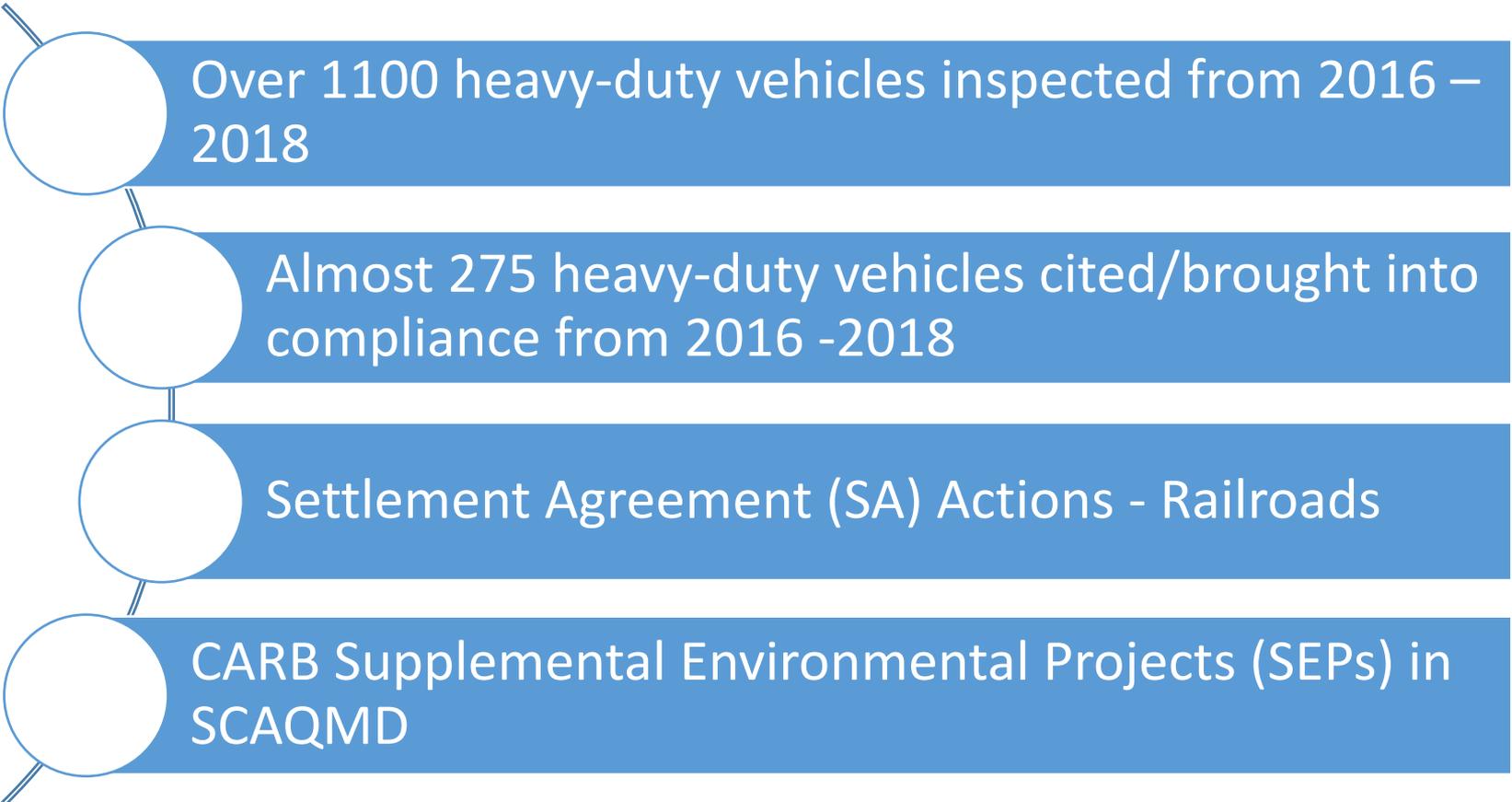


Fuels



Consumer
Products

CARB Past Enforcement Actions in the Boyle Heights – West Commerce – East Los Angeles Community



Over 1100 heavy-duty vehicles inspected from 2016 – 2018

Almost 275 heavy-duty vehicles cited/brought into compliance from 2016 -2018

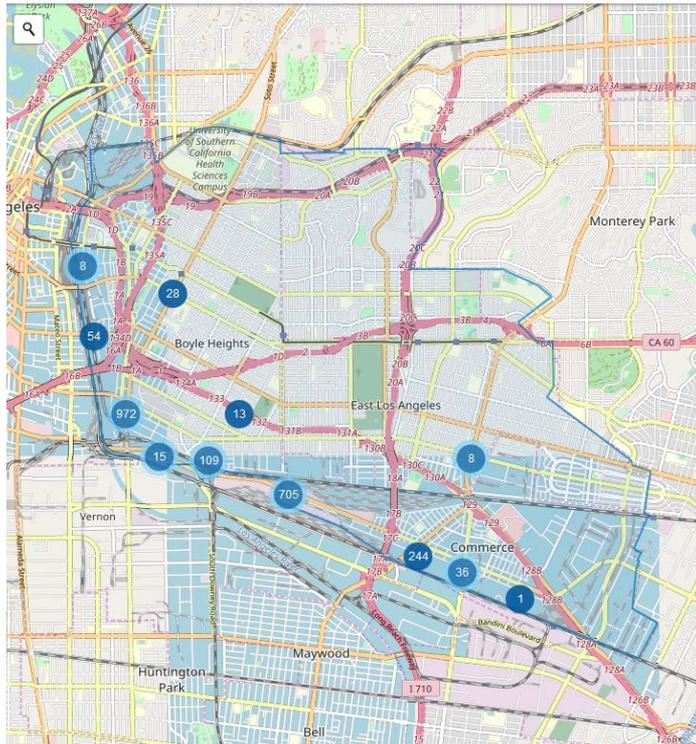
Settlement Agreement (SA) Actions - Railroads

CARB Supplemental Environmental Projects (SEPs) in SCAQMD

Map of Heavy – Duty Diesel Vehicle Enforcement Activities from 2016 - 2018

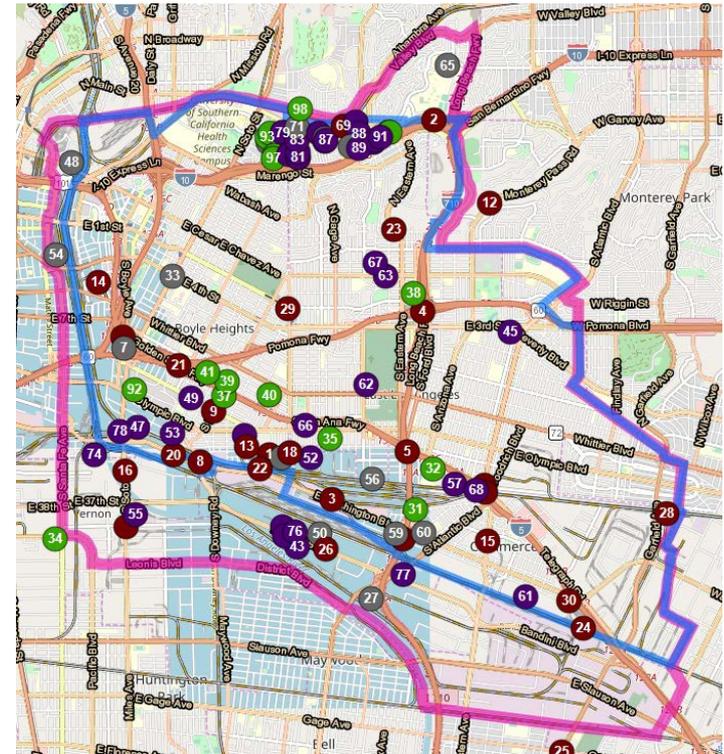
CALIFORNIA
AIR RESOURCES BOARD

2016 – 2018



Highest
mobile
source
priorities:

Diesel truck
emissions
from traffic
and idling on
freeways, at
intersections
and major
roadways, at
warehouses,
and at
railyards



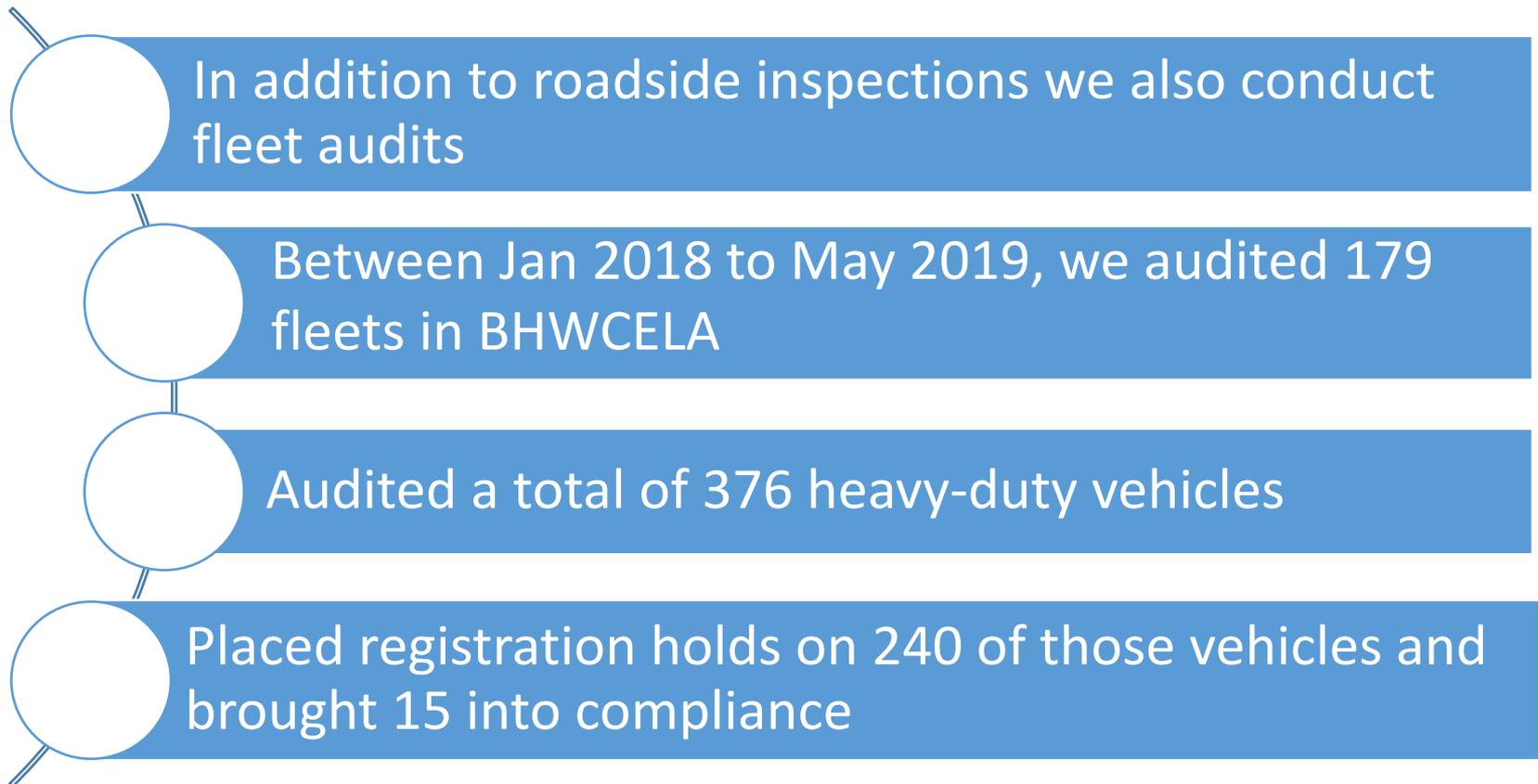
Boyle Heights – West Commerce – East Los Angeles Community

CARB Three-Year Enforcement History 2016 -2018 for the BHWCELA Community

Year/Type	Dray-age	HDVIP (all)	Idling	Off-Road	STB	Smart Way	TRU	CHE	SWCV	Total
2016 Field Inspections	2	144	268	0	121	0	96	0	1	632
2016 Non-compliant	2	3	11	0	83	0	51	0	0	150
2016 % Compliance	0%	98%	96%	N/A	31%	N/A	47%	N/A	100%	76%
2017 Field Inspections	13	120	62	17	77	5	23	3	1	321
2017 Non-compliant	1	10	15	4	25	2	17	0	0	74
2018 % Compliance	92%	92%	76%	76%	68%	60%	26%	100%	100%	77%
2018 Field Inspections	0	3	91	0	52	1	45	0	0	192
2018 Non-compliant	0	3	2	0	12	0	31	0	0	48
2018 % Compliance	N/A	0%	98%	N/A	77%	N/A	31%	N/A	N/A	75%
Total 2016 – 2018 Inspections	15	267	421	17	250	6	164	3	2	1145
Total 2016 - 2018 Non-compliant	3	16	28	4	120	2	99	0	0	272
Total 2016 - 2018 % Compliance	80%	94%	93%	76%	52%	67%	40%	100%	100%	76%

HDVIP covers emissions control labels (ECL), smoking and tampering; see CARB Resource Slides for total listing of “Type” definitions.

Enhanced Enforcement: Additional Fleet Audits (STEP – Streamlined Truck Enforcement Program)

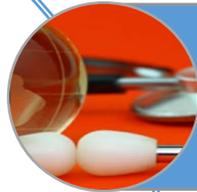


Upcoming and in Progress CARB Enforcement Actions in Your BHWCELA Community

- Focused roadside and idling enforcement in and around your community in June/July 2019
- Focused enforcement in railyards for cargo handling equipment
- Settlement Agreement (SA) actions
- Supplemental Environmental Projects (SEPs) – Over \$400k school air filters in SCAQMD

Supplemental Environmental Projects (SEPs)

SEPs are community-based projects funded from a portion of the penalties received during CARB settlement of enforcement actions.



Improve public health



Reduce pollution

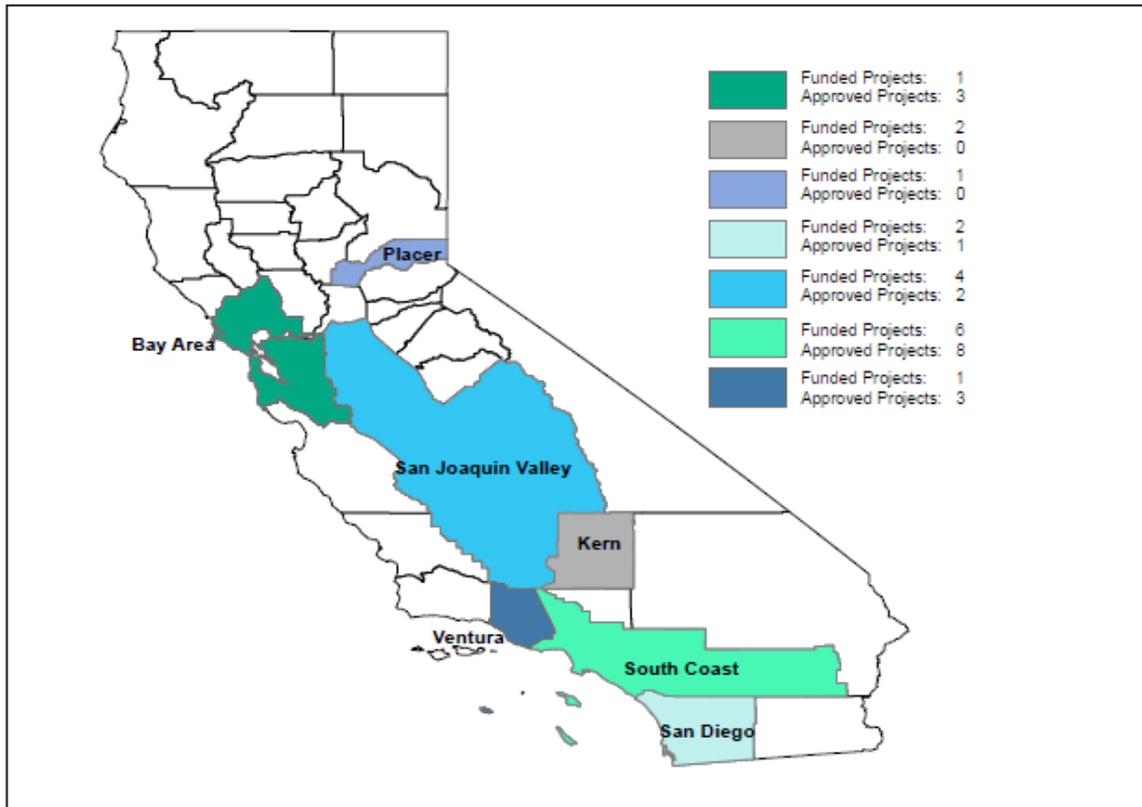


Increase environmental compliance



Bring public awareness

Six funded SEPs in SCAQMD

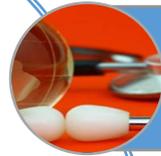


Examples of Projects:

- Paid environmental education internships
- Planting trees
- Writing articles to inform community about air pollution and resources
- Conducting research (e.g., air monitoring, truck traffic survey)
- School air quality education programs and filtration systems

More SEPs are Possible in Your Community by Submitting a Project Proposal

If project meets requirements to right:
Please submit a proposal by filling out a SEP Proposal Form (<https://calepa.ca.gov/sep-proposal-form/>)



Reduce direct/indirect air emissions or exposure to air pollution



Relate to the violation



Not benefit the violator



Go above and beyond regulatory requirements

Higher consideration given to projects within, or that benefit, disadvantaged communities.

Possible CARB Enforcement Actions for your Community

-  Truck Idling Sweeps Coordinated with SCAQMD
-  Targeted Enforcement of our Regulations
-  Outreach/MOUs/Educational Material
-  Additional Consumer Products/Fuels Enforcement

Questions, Input, Brainstorming

What do you want to know more about?

What efforts do you have input on?

What creative enforcement/outreach solutions can we explore together to improve air quality here?

CARB Enforcement Contacts

Visit the TruckStop for more detailed compliance info.:
www.arb.ca.gov/truckstop or contact CARB's diesel
hotline at 866-6DIESEL (866-634-3735) or email:
8666diesel@arb.ca.gov.

To report a violation to CARB:
Call 1-800-END-SMOG (288-7664) or report online at:
<https://calepa.ca.gov/enforcement/complaints>

CARB Community Outreach and Enforcement Section:
COES@arb.ca.gov

CARB Enforcement Resource Slides

California Air Resources Board

CARB Enforcement Role in BHWCELA CERP



Compile three-year enforcement and compliance history within the community corridor

Provide statistics CSC can use to establish compliance goals and identify enforcement-related strategies in the CERP

Create community-led joint district and CARB enforcement plan within the CERP

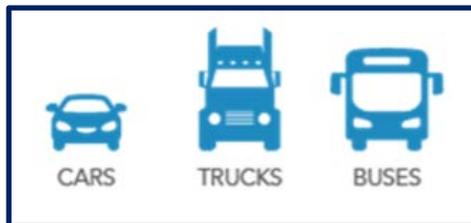
Conduct enforcement actions within the CERP

Monitor and reevaluate within five years

CARB Responsibilities



Protect public health from the harmful effects of air pollution and developing programs and actions to fight climate change.



Implement and enforce local, state and federal air pollution control laws and regulations applicable to stationary sources.



SB 1: Registration Requirements

Starting in 2020, in order to register a truck or bus subject to CARB's regulations with the California Department of Motor Vehicles (DMV), that vehicle needs to be in compliance according to the following schedule:

Heavier Vehicles (>26,000 pounds gross vehicle weight)	
Vehicle Model Year	DMV Begins Compliance Verification
2000 and older	January 1, 2020
2001 – 2005	January 1, 2021
2006 – 2007	January 1, 2022
2008 – 2010	January 1, 2023

Lighter Vehicles (14,001 – 26,000 pounds gross vehicle weight)	
Vehicle Model Year	DMV Begins Compliance Verification
2004 and older	January 1, 2020
2005 – 2007	January 1, 2021
2008 – 2010	January 1, 2023

Truck and Bus Rule and Idling Restrictions Enforcement

- **Statewide Trucks and Buses:** All vehicles with 2009 or older engines weighing over 14,000 pounds must reduce exhaust emissions by upgrading to 2010 or newer engines by 2023. SB 1 will deny DMV registration to non-compliant vehicles.
<https://www.arb.ca.gov/msprog/onrdiesel/documents/tbfinalreg.pdf>
- **Idling Trucks and Buses:** CARB conducts idling sweeps to ensure regulatory truck and bus idling limits are not exceeded. Those limits are:
 - Up to five minutes in areas other than schools and more than 100 feet from other restricted areas such as residential areas, hotels/motels, hospitals, and senior and child care facilities.
 - Newer engines (2008+) shut down automatically after five minutes of idling or are low NOx emissions DPM filtered exhaust engines.
 - Truck and bus idling is prohibited at schools with a few exceptions.
 - Truck and buses with *Clean Idle* stickers are exempt.

Ports and Railyards Enforcement Programs

We are in ports and railyards regularly enforcing these regulations:

- **Drayage:** Drayage vehicles move goods by certified heavy-duty diesel vehicles (HDV). HDV that enter a port or intermodal facility are required to be certified to meet clean emission standards.
<https://www.arb.ca.gov/msprog/onroad/porttruck/finalregdrayage.pdf>
- **Commercial Harbor Craft:** This regulation is intended to reduce diesel particulate matter and nitrogen oxides emissions from diesel engines used on commercial harbor craft operated in California waters located within 24 nautical miles of the California coast. The regulation includes requirements for new and in-use (existing) engines as well as monitoring, recordkeeping, and reporting requirements.
<https://ww2.arb.ca.gov/our-work/programs/commercial-harbor-craft>
- **Ocean Going Vessels:** This regulation is designed reduce particulate matter, nitrogen oxides, and sulfur oxide emissions from ocean-going vessels.
<https://www.arb.ca.gov/ports/marinevess/ogv/ogvrules.htm>
- **Shore Power:** The purpose of the At-Berth Regulation is to reduce emissions from diesel auxiliary engines on container ships, passenger ships, and refrigerated-cargo ships while berthing at a California Port. <https://www.arb.ca.gov/ports/shorepower/shorepower.htm>
- **Cargo Handling Equipment:** ARB staff investigates opportunities to reduce idling emissions from cargo handling equipment used at ports and intermodal rail yards.
<https://www.arb.ca.gov/ports/cargo/cargo.htm>

Heavy-duty Vehicle Inspection Program (HDVIP)

We conduct regular roadside heavy-duty vehicle inspections for the following:

- **HDVIP - Diesel Emission Fluid:** Diesel engines equipped with Selective Catalytic Reduction (SCR) all use a liquid urea solution as the reductant, known commonly as diesel exhaust fluid (DEF). This fluid is used in the SCR to reduce NOx emissions. <https://www.arb.ca.gov/msprog/onrdiesel/regulation.htm>
- **HDVIP – Emission Control Label:** Engine certification labeling requirements that certify that engines meet clean emission standards. <https://www.arb.ca.gov/enf/hdvp/bip/bip.htm>
- **HDVIP – Smoke/Tampering:** Requires heavy-duty trucks and buses to be inspected for excessive smoke and tampering. <https://www.arb.ca.gov/enf/hdvp/bip/finalreg.pdf>

Other Vehicle Enforcement Programs

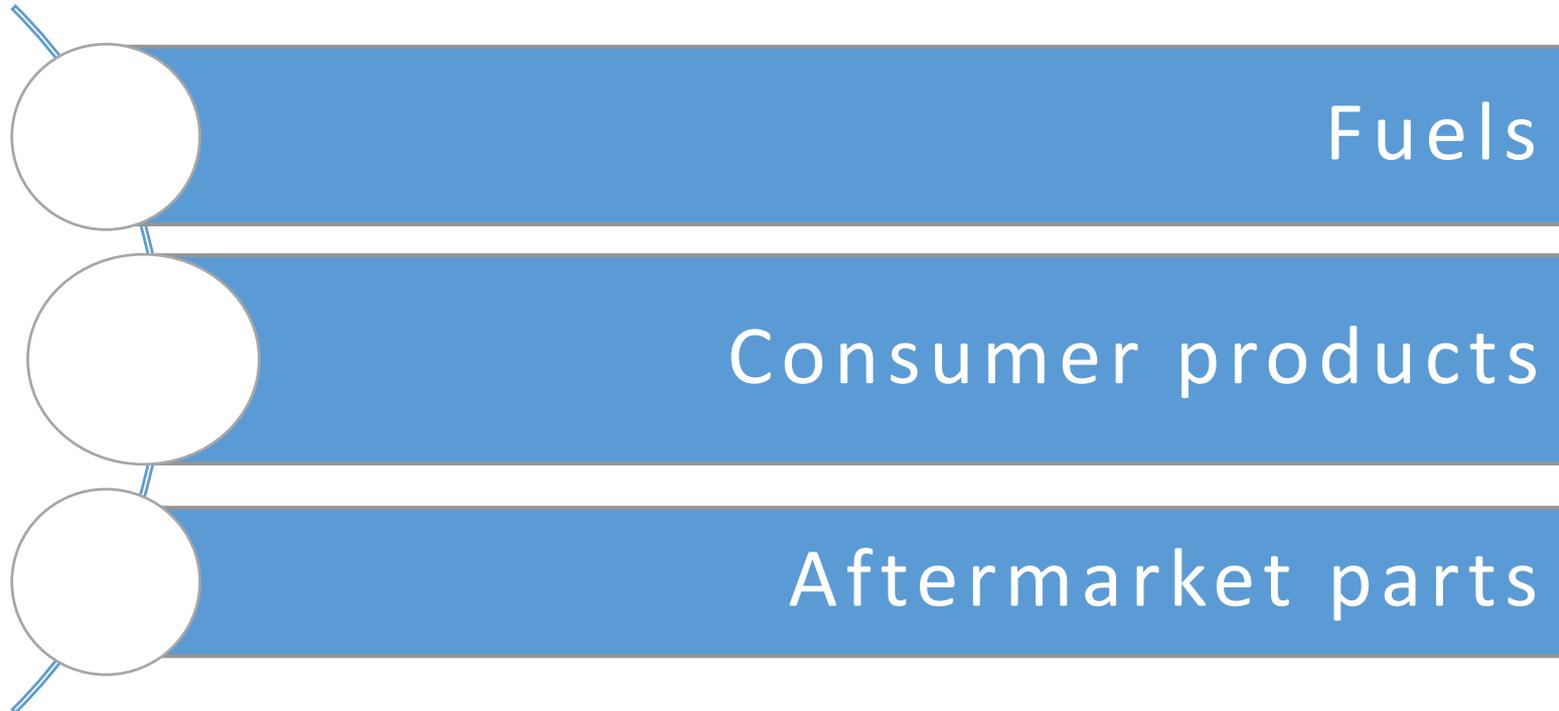
- **Off-Road:** Regulations aimed at cleaning up 'off-road' construction equipment such as bulldozers, graders, and backhoes. These requirements are in place to help ensure that diesel soot filters are installed on off-road equipment.
<https://www.arb.ca.gov/msprog/ordiesel/documents/finalregorder-dec2011.pdf>
- **SmartWay:** The Tractor-Trailer Greenhouse Gas Regulation requires 53-foot or longer dry van or refrigerated van trailers and the tractors that pull them on California highways to use certain equipment that the U.S. Environmental Protection Agency SmartWay program has verified or designated to meet their efficiency standards.
<https://arb.ca.gov/cc/hdghg/technologies.htm>
- **Transport Refrigeration Units:** Inspect secondary engines to ensure TRUs meet labeling and clean air requirements.
https://ww3.arb.ca.gov/diesel/tru/documents/fro_10-16-12.pdf
- **Solid Waste Collection Vehicles:** Fleet-based regulation requiring retrofit or purchase of cleaner engines to reduce diesel particulate matter emissions.
<https://www.arb.ca.gov/msprog/swcv/swcv.htm>

Other Enforcement Programs

- **Fuels:** CARB enforces our regulations related to gas, diesel, and racing fuels as well as storage of fuels from refineries through transportation to distribution at fuel service stations.
<https://www.arb.ca.gov/enf/fuels/fuels.htm>
- **Consumer Products:** Consumer Products – CARB enforces the regulatory requirements for chemically formulated consumer products, fuel containers, and indoor air cleaning products that emit volatile organic compounds, toxic air contaminants and greenhouse gases, and include the following products: cleaning compounds; composite wood products, floor finishes; cosmetics; personal care products; home, lawn, and garden products; aerosol paints; and automotive specialty products.
<https://www.arb.ca.gov/consprod/consprod.htm>;
<https://www.arb.ca.gov/enf/compwood.htm>

Additional Enforcement Activities

We are working on compiling complete enforcement activity for the CERP from 2016 – 2018. We have partial additional data for the following programs:



Fuels Enforcement Criteria

Fuels enforcement activity focuses on inspections of fuels and storage tanks

Diesel, gas and racing fuels inspections

Low Carbon Fuel Standard enforcement ensures reported emission reductions are real to promote a level playing for all fuel suppliers

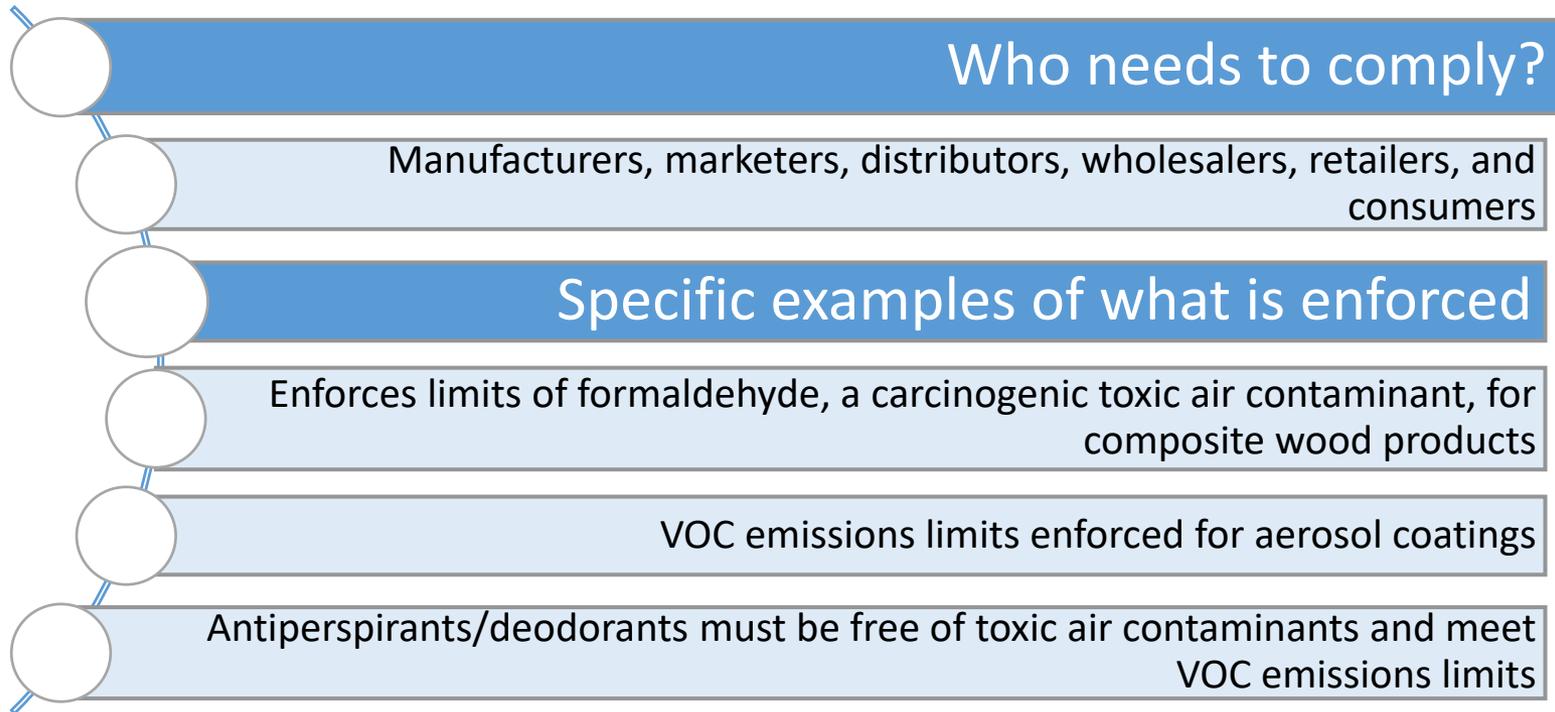
Fuels must meet formulation standards at production, transport, and dispensing facilities

Cargo tank vapor recovery

Ensures reduced VOC emissions from gasoline cargo tanks

Consumer Products Enforcement Criteria

Account for over ten percent of VOC emissions that contribute to smog formation statewide and can also emit carcinogenic toxic air contaminants.



Aftermarket Parts Enforcement Activities

We ensure new add-on and modified aftermarket parts demonstrate that they do not adversely affect emissions or emission control systems.

Examples of illegal aftermarket parts/tampering practices in California

Diesel particulate filter delete kits

Engine control module tampering

Selective catalytic reduction delete kits

Where enforced?

Part manufacturers, distributors, automobile dealers, general and automotive retailers, marine equipment stores, motorcycle shops, etc. at stores and online



Enforcement Process

Identify and report a potential violation

Evaluate information

Notify responsible party

Opportunity to discuss

Outcomes, remedies & penalties

All of these are Potential Violations



Reporting

Reporting potential violations of air quality requirements can provide important information for enforcement:



calepa.ca.gov/enforcement/complaints



1 (800) END-SMOG



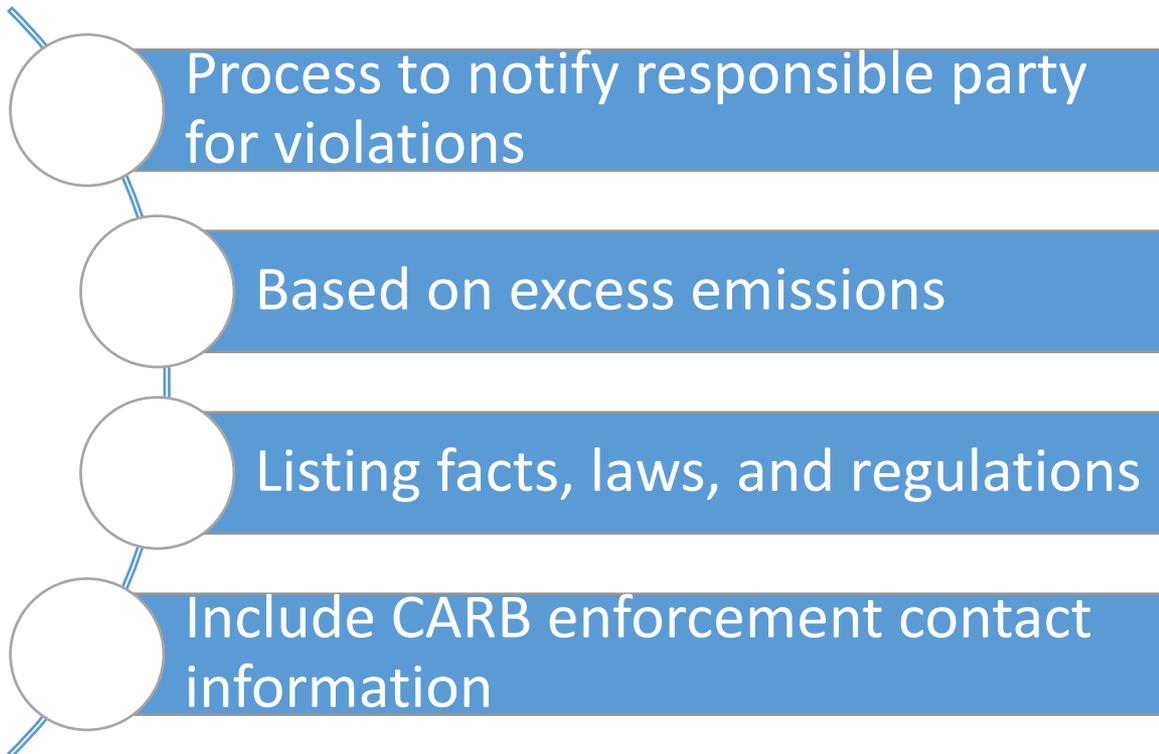
1(800) CUT-SMOG

Evaluating Information

- Inspections: Site visits to learn about potential violations
- Determine compliance status and required actions
- Write inspection reports
- Issue compliance documents



Notice of Violation (NOV)/Citation



Opportunity to Discuss

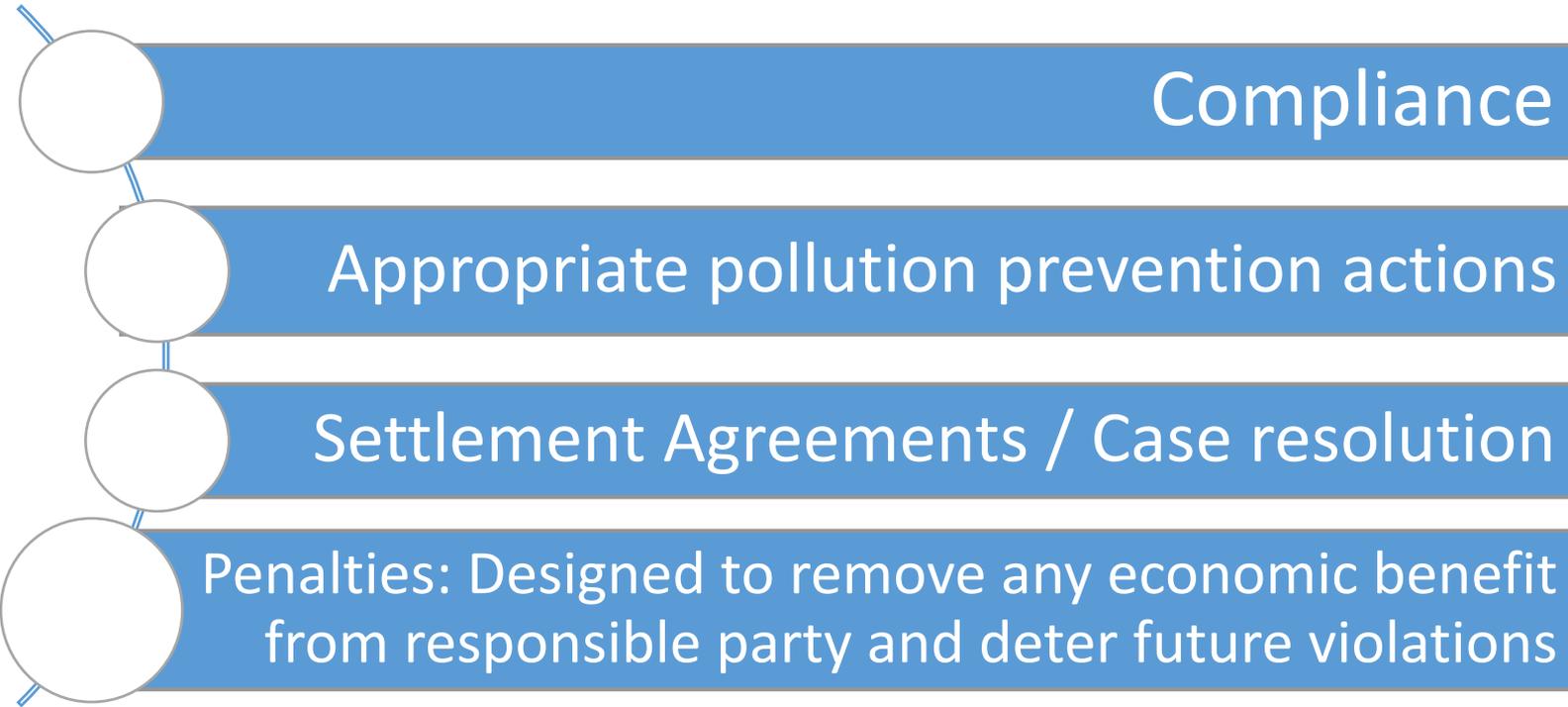


Responsible party may provide further facts for consideration by CARB regarding NOV



This discussion often becomes a negotiation between CARB and the responsible party

Outcomes/Remedies



Compliance

Appropriate pollution prevention actions

Settlement Agreements / Case resolution

Penalties: Designed to remove any economic benefit from responsible party and deter future violations

Examples of Settlement Agreements in SCAQMD

Railyard drayage truck violations

UP agreed to truck turn away program through 2020 and paid fines

BSNF instituted truck compliance Rail Pass reporting system and helped fund a local SEP through fines

Refinery tank fuel sampling exceeded limits

Paid fines

Ocean-going vessels exceeded fuel sulfur emissions within coastal waters

Paid fines

And many more...

See CARB annual enforcement reports for statewide enforcement efforts

<https://www.arb.ca.gov/enf/reports/reports.htm>

Summary of SEPs in SCAQMD



Community teen paid internship conducting hands-on climate change teaching and research projects for visitors at the California Science Center



South LA Urban Greening and Community Forestry Project will plant and maintain 300 trees over five years in public parkways with the help of local volunteers raising awareness and restoring ecosystem functions



Community Voices on Health and the Environment will hire three community members to write monthly articles identifying environmental health hazards and community member resources in Wilmington



CFASE Survey of Freight Truck Transportation Corridors will gather data needed for community and government entities to develop future land use planning policy in Wilmington



Kids Making Sense air monitoring/improving air quality grades 6 -12 education and empowerment program offered at local schools, including Dana Middle School in San Pedro to help students and community members improve air quality and reduce their exposure to air pollution



School Air Filtration Systems SEP will install IQ Air filtration systems in schools throughout the South Coast Air Quality Management District in the second half of 2019

Next steps and important reminders

Future meeting dates and locations:

- Community Workshop – July 25 from 5:30 to 6:00 PM
- CSC Meeting #8: July 25th (6:00 p.m. - 8:30 p.m.) at East Los Angeles Service Center - WDACS

Likely agenda items for CSC Meeting #8:

- Discuss comments received for CERP
- Implementation of the CAMP

Is the CSC okay with these topics?

Any additional topics?

Other upcoming meetings of interest:

- **Stationary Source Committee**
 - **Friday, July 26th** at 10:30 a.m. South Coast AQMD Headquarters
 - Meeting will be webcast: <https://www.aqmd.gov/home/news-events/webcast>

Thank you for the hard work!

More information on AB 617:

www.aqmd.gov/AB617

Email: AB617@aqmd.gov

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