

AB 617 - SELA

COMMUNITY STEERING COMMITTEE
QUARTERLY MEETING #2

VIRTUAL MEETING

APRIL 15, 2021

Gina Triviso
Senior Public Information Specialist



SELA CSC 2021

Member Updates



AB 617 – 2021 COMMUNITY STEERING COMMITTEE SCHEDULE (SELA)

<p>January 28, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>	<p>June 17, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>
<p>March 4, 2021</p>	<p>Incentives Budgeting Workshop</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>	<p>September 16, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>
<p>April 15, 2021</p>	<p>Community Steering Committee Meeting</p> <p>Virtual Meeting 4:00 – 6:00 pm</p>		

COMMUNITY LIAISON

Southeast Los Angeles (SELA)

Gina Triviso

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CAMP IMPLEMENTATION UPDATES

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PROGRAM SUPERVISOR

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CAMP IMPLEMENTATION UPDATE



South Coast AQMD is in the process of establishing a monitoring station in SELA

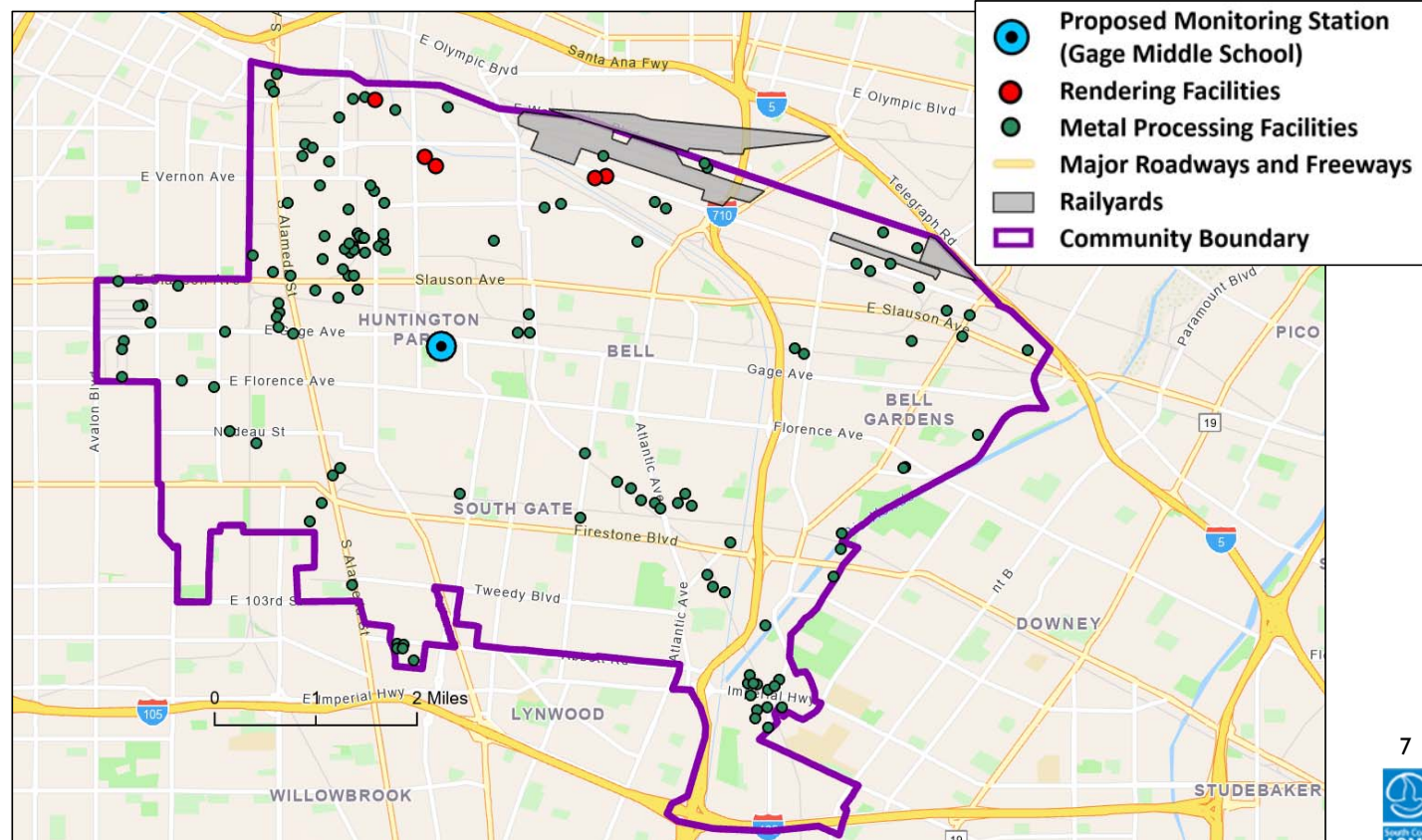


South Coast AQMD is seeking CSC input on the proposed baseline measurements

BASELINE MEASUREMENTS

Seeking CSC Input
on the proposed
baseline
measurements

Purpose: to provide
information about
general air quality
conditions in the
community and track
the progress of emission
reduction strategies



FIXED AIR MONITORING STATION



- The new AB 617 community air monitoring station will be established in 2nd quarter of 2021
- The station will be located at the Gage Middle School in Huntington Park
- Will provide real-time measurements of fine particulate matter (PM_{2.5}), black carbon (BC), and nitrogen dioxide (NO₂)

DISCUSSION

- Comments, Questions, Concerns?

Payam Pakbin
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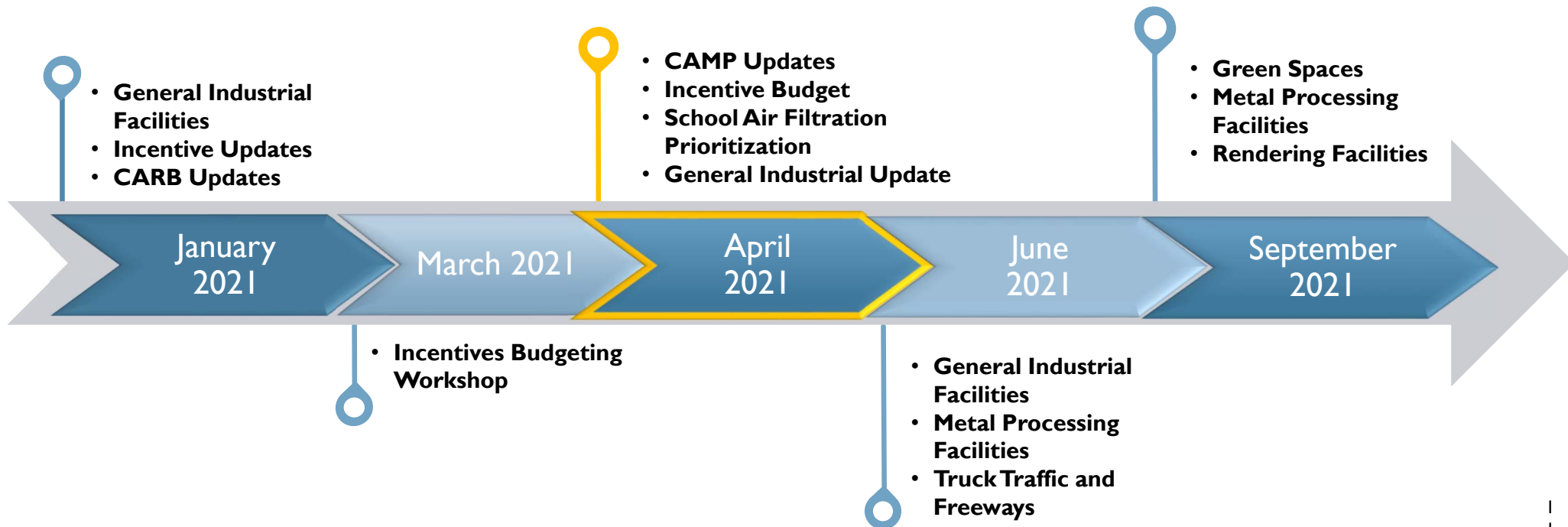
CERP IMPLEMENTATION UPDATE

SOUTHEAST LOS ANGELES QUARTERLY UPDATE #2
APRIL 15TH, 2021



Dianne Sanchez, Ph.D. - Air Quality Specialist


TENTATIVE CERP AND CAMP UPDATES TIMELINE





INCENTIVE BUDGET – COMMUNITY IDENTIFIED PROJECTS


INCENTIVES BUDGETING PROCESS— OVERVIEW



Incentive Strategies Workshop

- Overview of Past CAPP incentives
- Overview of funding across all 5 AB 617 communities

October 15, 2020



Governing Board Meeting

- Recognized Year 3 CAPP incentive funds
- Approved Year 3 CAPP Incentive funds for mobile source and other eligible projects


January 8, 2021



Incentives Budgeting Workshop

- CSC provided input to develop eligible project list supported by SELA CERP


March 4, 2021



Incentives Prioritization

- CSC to determine the distribution of CAPP Incentive funds for prioritized projects

Today



Submit funding request to CARB for approval

May 1, 2021

INCENTIVE BUDGETING WORKSHOP RECAP



- Staff held an Incentives Budgeting Workshop at the March 4th CSC meeting
- Staff presented information on available incentive funds (\$10 million), examples of incentive projects, and costs
- Staff conducted a poll to identify the CSC's top three priorities for incentive projects

Which project would you rank as your #3 priority?

- Trucks – *Zero-Emission**
- Trucks – *Low-NOx**
- Railyard infrastructure – *Zero-Emission*
- Railyard equipment – *Zero-Emission*
- Railyard equipment – *Low NOx*
- Green Space projects
- School air filtration systems
- Rendering facilities
- Metal processing facilities
- General industrial facilities
- Assistance for small business

Submit

POLL RESULTS

PRIORITIZED PROJECTS FOR INCENTIVES



1) Zero-Emission Trucks



2) Green Spaces



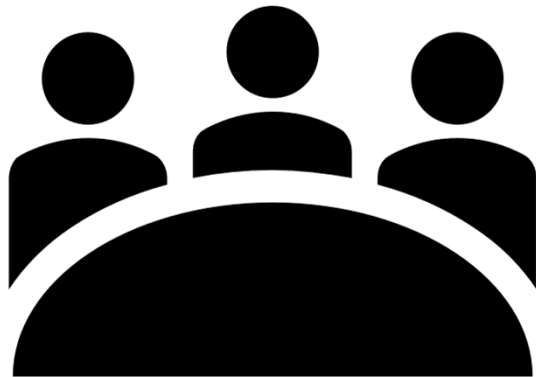
3) School Air Filtration Systems and Replacement Filters

- Response deadline: **March 19 at 6PM**
- 18 CSC members responded
- Budget details must be finalized by **April 21**

* Final rankings are weighted

QUESTIONS OR COMMENTS?

PARTICIPATORY BUDGETING



- CSC to provide input and decide how to split funds between the top 3 project types
- Example scenarios will be shown on following slides
- Staff will send a follow-up survey by e-mail for community members unable to participate in today's poll

OPTION I – EQUAL SPLIT BETWEEN PROJECTS



Funds would be distributed equally between the three projects:

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emissions Reductions (tpy)
Trucks – zero emission	33.3%	\$3,330,000	6 zero emission yard trucks	2.34 NO _x 0.18 ROG
Green Space Projects	33.3%	\$3,330,000	Over 11,000 trees* or Other green projects	Other
School Air Filtration	33.3%	\$3,330,000	At least 11 schools	Reduces exposure to Ultra Fine Particles, BC and PM _{2.5} by 90%**

* Number of trees dependent on land use permissions and city approval process

** High-performance panel filters combined with register-based air purifiers have been shown to lower the indoor concentrations of Black Carbon, Ultrafine Particles, and PM_{2.5} between 87% and 96%

OPTION 2 – 50%, 25%, 25%



Half the funds would be distributed to the highest priority, and one quarter of the funds would go to each of the two remaining priorities:

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emissions Reductions (tpy)
Trucks – zero emission	50%	\$5,000,000	9 zero emission yard trucks	3.51 tpy NOx 0.27 tpy ROG
Green Space Projects	25%	\$2,500,000	Over 8,000 trees* or Other green projects	Other
School Air Filtration	25%	\$2,500,000	At least 8 schools	Reduces Exposure to Ultra Fine Particles, BC and PM2.5 by 90%**

*Number of trees dependent on land use permissions and city approval process

**High-performance panel filters combined with register-based air purifiers have been shown to lower the indoor concentrations of Black Carbon, Ultrafine Particles, and PM2.5 between 87% and 96%

OPTION 3 – 75%, 12.5%, 12.5%



Two thirds of the funds would be distributed to the highest priority, and one quarter of the funds would go to the remaining priorities:

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emissions Reductions (tpy)
Trucks – zero emission	75%	\$7,500,000	13 zero emission yard trucks	5.07 tpy NO _x 0.39 tpy ROG
Green Spaces	12.5%	\$1,250,000	Over 4,000 trees* or Other green projects	Other
School Air Filtration	12.5%	\$1,250,000	At least 4 schools	Reduces Exposure to Ultra Fine Particles, BC and PM _{2.5} by 90%**

*Number of trees dependent on land use permissions and city approval process

**High-performance panel filters combined with register-based air purifiers have been shown to lower the indoor concentrations of Black Carbon, Ultrafine Particles, and PM_{2.5} between 87% and 96%

OPTION 4 – 75%, 10%, 15%



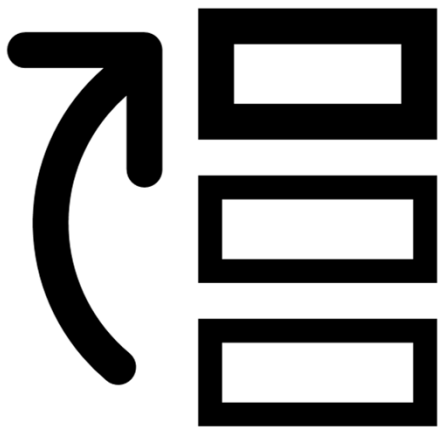
Two thirds of the funds would be distributed to the highest priority, and one quarter of the funds would go to the remaining priorities:

Project	Percentage (%)	Dollar amount (\$)	What can we get?	Emissions Reductions (tpy)
Trucks – zero emission	75%	\$7,500,000	13 zero emission yard trucks	5.07 tpy NOx 0.39 tpy ROG
Green Spaces	10%	\$1,000,000	4,000 trees* or Other green projects	Other
School Air Filtration	15%	\$1,500,000	At least 5 schools	Reduces Exposure to Ultra Fine Particles, BC and PM2.5 by 90%**

*Number of trees dependent on land use permissions and city approval process

**High-performance panel filters combined with register-based air purifiers have been shown to lower the indoor concentrations of Black Carbon, Ultrafine Particles, and PM2.5 between 87% and 96%

ADDITIONAL CONSIDERATIONS



Prioritize project funding based on other CSC priorities*, for example:

- Focus incentive outreach on small business and owner/operators
- Trucks that operate within SELA boundaries
- Low-VOC and drought tolerant trees (no palm trees)

* Funds not allocated prior to liquidation deadlines for CAPP may will be released to other incentive projects (e.g., mobile source projects)

DISCUSSION



Which option does the CSC prefer?
Any suggestions?



NEXT STEPS



Finalize Distribution of Funds (April 15th)

- CSC to finalize distribution of CAPP incentives for prioritized projects



Send Grant Request to CARB (May 1st)

- South Coast AQMD sends letter to CARB requesting funds for top 3 project types as selected by the CSC



Outreach

- South Coast AQMD to reach out to community to solicit grant applications



Distribute Funds

QUESTIONS OR COMMENTS?



AQ PRIORITY -
TRUCK TRAFFIC
AND FREEWAYS

SCHOOL
PRIORITIZATION
FOR AIR
FILTRATION
SYSTEMS

CERP COMMITMENT



■ Chapter 5b, Action M

Work with local school districts, and CSC members to identify and prioritize schools exposed to truck emissions that may benefit from installation of air filtration systems



AIR FILTRATION INSTALLATION PROCESS

Establish Criteria for Eligibility

Develop Prioritized List of Schools

Distribute Funds for Installation

PURPOSE – DEVELOP A PRIORITIZED LIST OF SCHOOLS FOR FILTRATION SYSTEMS



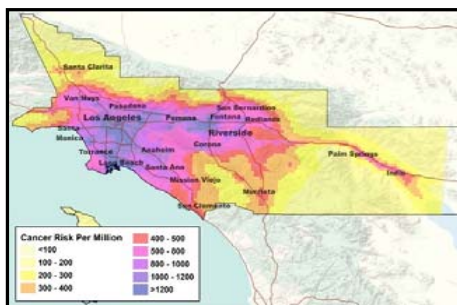
- Seek community input on school site selection within the Community Boundary and Emission Study Area
- Reduce the time necessary for future site selection when additional funding becomes available
- Identify the funding needs for school air filtration systems across the community

PRIORITIZATION CRITERIA FOR AIR FILTRATION SYSTEMS



- Some public school districts use the following criteria or information to prioritize school locations in greatest need of air filtration systems:

Existing Criteria:



Multiple Air Toxics Exposure Study (MATES)

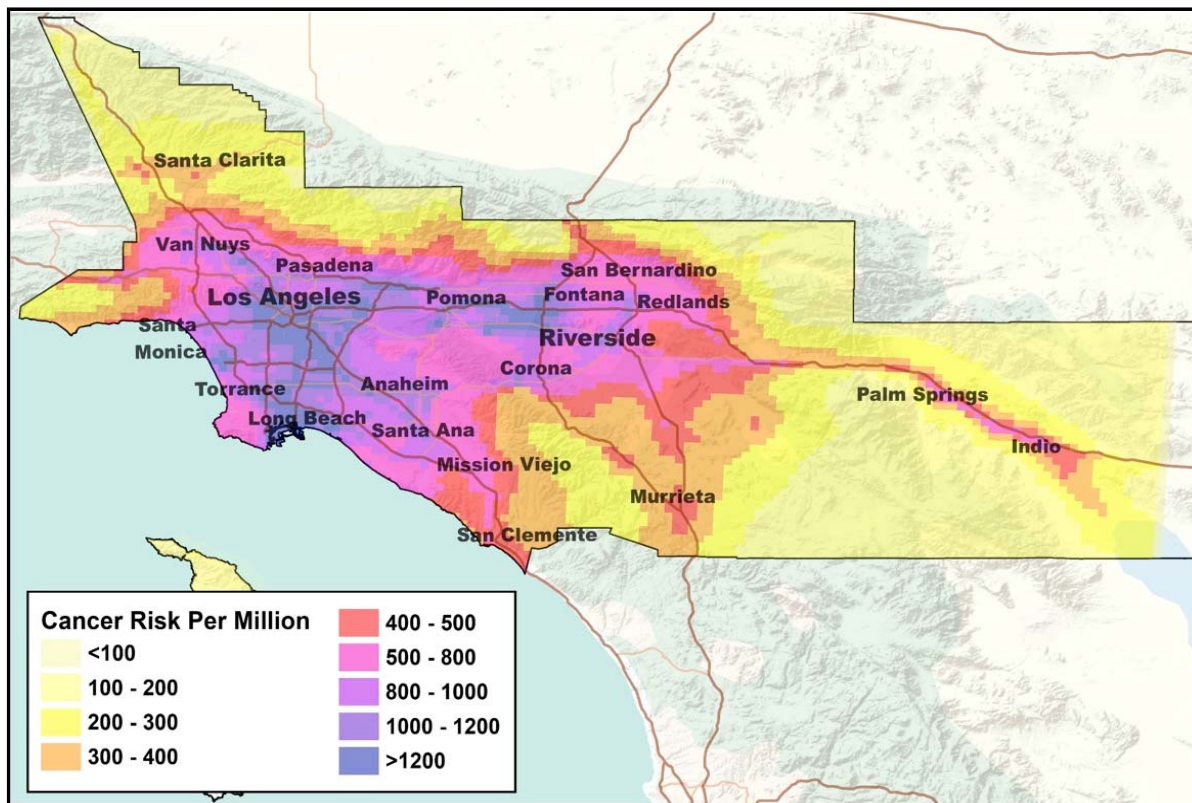


Proximity to Major Stationary Sources of Air Pollution



Proximity to Freeways

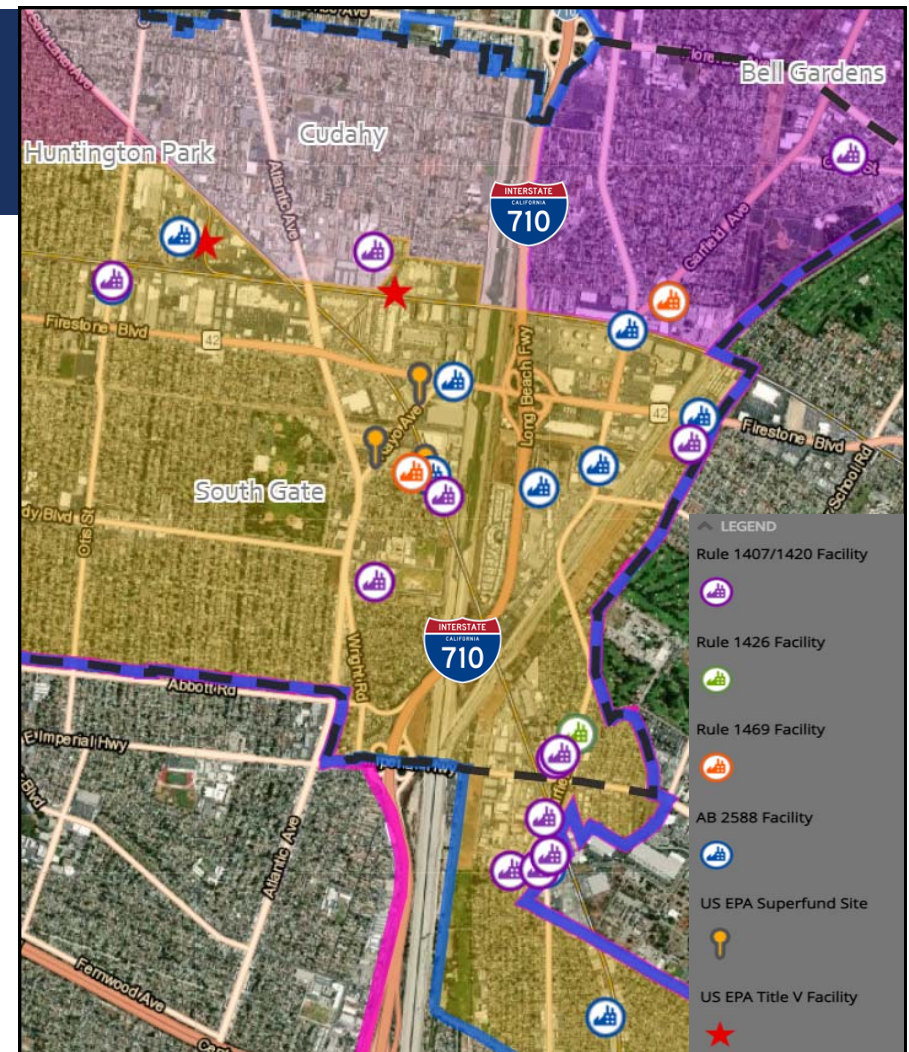
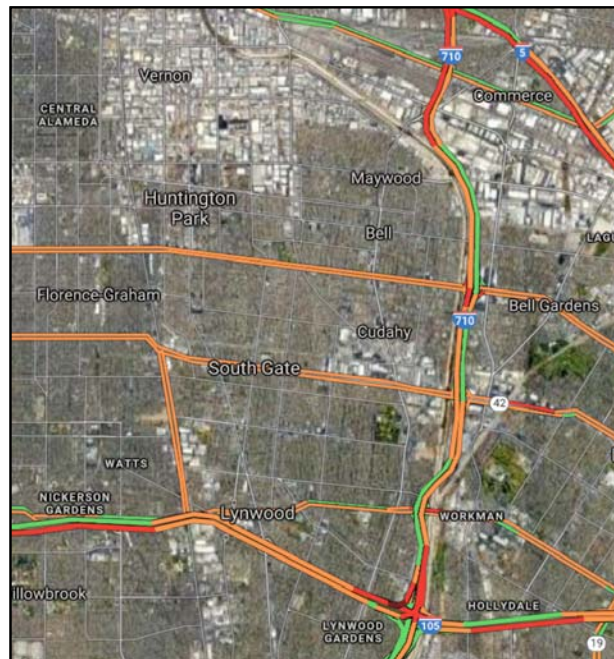
MULTIPLE AIR TOXICS EXPOSURE STUDY (MATES)



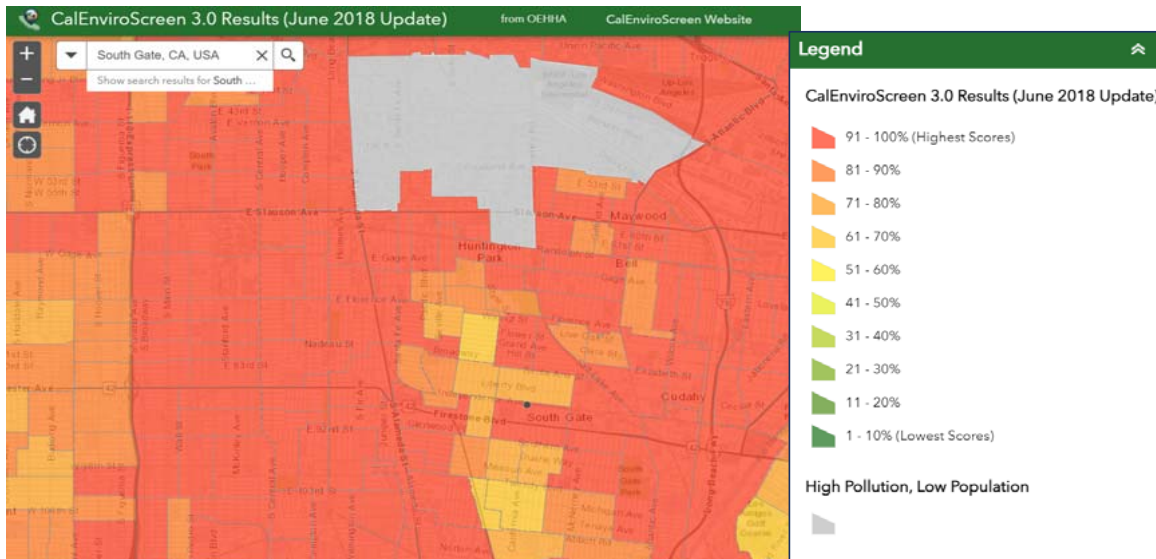
- Focuses on the cancer risk from exposure to air toxics across the South Coast Air Basin
- For more information on MATES visit: www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-iv

PROXIMITY TO SOURCES OF AIR POLLUTION OR FREEWAYS

- Traffic data can show where congestion occurs
- Congestion can result in idling vehicles and create an increase in emissions around nearby schools



ADDITIONAL CRITERIA CALENVIROSCREEN (OEHHHA)



Population Characteristics	Population Characteristics	Pollution Burden	Pollution Burden
Sensitive Populations Asthma Cardiovascular Disease Low Birth-Weight Infants	Socioeconomic Factors Poverty Unemployment Educational Attainment Linguistic Isolation Housing Burdened Low Income Households	Environmental Effects Solid Waste Sites and Facilities Cleanup Sites Groundwater Threats Impaired Water Bodies Hazardous Waste Generators and Facilities	Exposures Ozone PM2.5 Diesel PM Pesticide Use Traffic Drinking Water Contaminants Toxic Releases from Facilities

- A tool developed by the California Office of Environmental Health Hazard Assessment (OEHHHA)
- Identifies California communities by census tract that are disproportionately burdened by, and vulnerable to, multiple sources of pollution
- For more information about CalEnviroScreen visit: oehha.ca.gov/calenviroscreen/report/calenviroscreen-30

ADDITIONAL CRITERIA SCHOOL CHARACTERISTICS



Type of school (e.g. preschool, elementary, middle, or high school)



Total students enrolled



Student enrollment in free or reduced-price meal program

POLL FOR SCHOOL PRIORITIZATION CRITERIA



Criteria Priority #1

Which criteria would you rank as number one for the prioritization of schools?

- Multiple Air Toxics Exposure Study
- CalEnviroScreen
- Youngest students prioritized (Preschools, Elementary, Middle, then High schools)
- Total students enrolled
- Student enrollment in free or reduced-price meal program
- Schools near freeways
- Schools near railyards
- Schools near metal processing facilities

Submit

- We ask CSC members to select their top 3 school prioritization criteria (highest priority #1)
- Is there any additional criteria that you want to suggest for SELA's school prioritization?
- Staff will e-mail a follow-up survey to community members unable to participate in today's poll



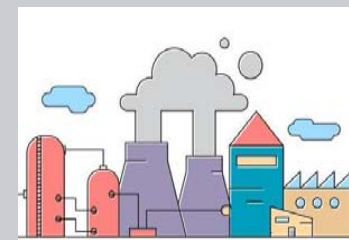
AQ PRIORITY - GENERAL INDUSTRIAL FACILITIES

CERP COMMITMENT



■ Chapter 5g, Action B

Work with the CSC and local agencies (e.g., L.A. County Industrial Use Task Force) to identify industrial facilities of concern within the SELA emissions study area, provide a list of South Coast AQMD rules applicable to the industrial facilities identified, provide a three (3) year compliance history of the facilities, summarize available emissions data and air monitoring data collected at or near facilities, and other sources of information.



CSC WORKSHEET RESULTS & NEXT STEPS



5 CSC members
completed worksheets
identifying top 3
facilities of concern

MARCH

Staff developed a list of
facilities of concern
based on CSC input
(see next slide)

APRIL

Staff presentation to
CSC on facility
information (e.g.,
emissions sources) and
discuss potential actions

JUNE

CSC WORKSHEET RESULTS - SELA TOP FACILITIES OF CONCERN



Facility	Location	Summary of Concerns
World Oil Co	9302 Garfield Ave. South Gate, CA	<ul style="list-style-type: none"> • Heavy odors, concern of volume of petro/flammable hazards near sensitive receptors • Smell of sulfur, intense odors • Truck traffic
Cemex Construction Materials Pacific, LL	5091 Rickenbacker Rd. Bell	<ul style="list-style-type: none"> • Uncovered gravel in trains • Facility next to the Bell Shelter and a school with a childcare facility
Carbon Supply Inc.	8429 Eastern Ave. Bell Gardens	<ul style="list-style-type: none"> • Tanks with unknown substances • Strong odors • Located near sensitive uses.
Custom Building Products	6511 Salt Lake Ave. Bell	<ul style="list-style-type: none"> • Truck traffic • Smoke and odors • Hazardous chemical materials on site • Close proximity to the park and residents
Brenntag Pacific Inc	4545 Ardine St. South Gate	<ul style="list-style-type: none"> • Strong odors and smoke
Saroyan Hardwoods	6230 Alameda St Huntington Park	<ul style="list-style-type: none"> • Fugitive dust released • Noise and dust affecting nearby schools

SELA TOP FACILITIES OF CONCERN (CON'T)



Facility	Location	Summary of Concerns
Aircraft Xray Laboratories	5216 Pacific Blvd Huntington Park	<ul style="list-style-type: none"> • Strong odors • Stained sidewalks and water runoff in this location
DayGlo Color	4615 Ardine St Cudahy	<ul style="list-style-type: none"> • Strong odors
Multiple Facilities	Intersection of Pacific and Leonis. Border between Huntington Park and Vernon	<ul style="list-style-type: none"> • Diesel powered freight parking and idling on turning lanes.
Illegal Spray Booth painting operations	Near Bandera St. and Slauson Ave.	<ul style="list-style-type: none"> • Many small non permitted businesses. • Illegal operations (e.g., illegal painting of cabinetry)
Industrial Activities	Near the LA river just east of South Gate Park. East of Atlantic Ave and south of Firestone.	<ul style="list-style-type: none"> • Superfund site

QUESTIONS OR COMMENTS?