

AB 617 - SELA

COMMUNITY STEERING COMMITTEE
QUARTERLY MEETING #4

VIRTUAL MEETING

SEPTEMBER 16, 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

Sr. Public Information Specialist

gtriviso@aqmd.gov

(909) 396-2957

General AB 617 inquiries:

ab617@aqmd.gov



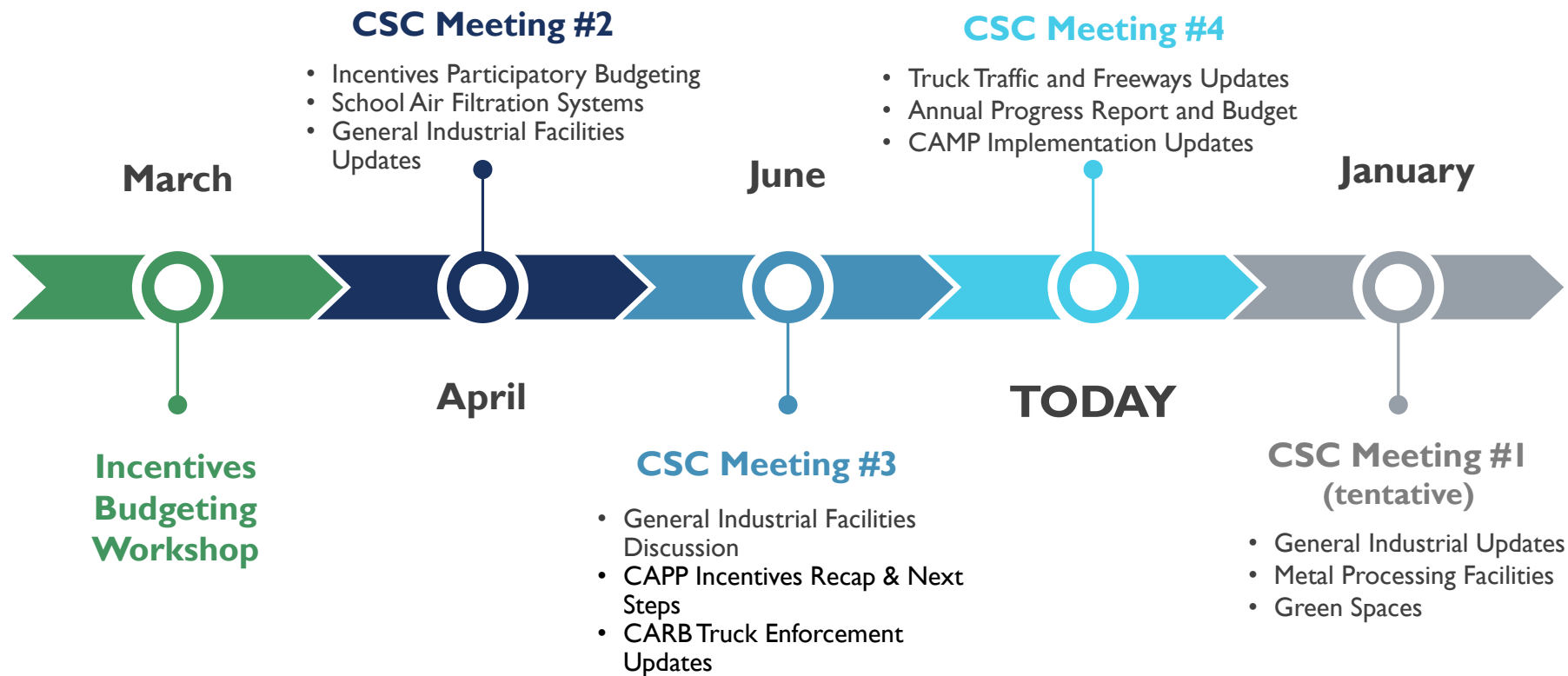
CERP IMPLEMENTATION

SELA CSC QUARTERLY MEETING #4
SEPTEMBER 16, 2021



Dianne Sanchez, Ph.D. - Air Quality Specialist

SELA CSC MEETING TIMELINE





A row of semi-trucks is parked in a lot. In the foreground, a red truck is partially visible. Behind it are several white trucks, and further back, a green truck. The trucks are parked in a line, receding into the distance. The sky is clear and bright.

AIR QUALITY PRIORITY – TRUCK TRAFFIC AND FREEWAYS

CERP IMPLEMENTATION UPDATES

CERP IMPLEMENTATION – TRUCK TRAFFIC AND FREEWAYS



- Chapter 5b, Action K
 - CSC asked to reduce exposure to heavy-truck emissions by incentivizing the replacement of older more polluting trucks with zero-emission trucks
 - Action K commits South Coast AQMD to encourage deployment of zero emission trucks in the community





AB 617 TRUCK INCENTIVES WORKSHOP FOR HEAVY-DUTY TRUCKS

WALTER SHEN

PLANNING AND RULES MANAGER



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

TRUCK INCENTIVES WORKSHOP (OBJECTIVES AND DATES)

Customize, as needed, for each AB 617 community

Develop a process for entities seeking funding for cleaner trucks

Modify incentive program for cleaner trucks in the AB 617 communities

Reduce barriers to access the incentive funds for cleaner trucks in the AB 617 communities

Develop a Project Plan for heavy-duty trucks that includes criteria established by the AB 617 communities

Workshop	Dates
1 st	October 20, 2021
2 nd	December 1, 2021
3 rd	January 26, 2022

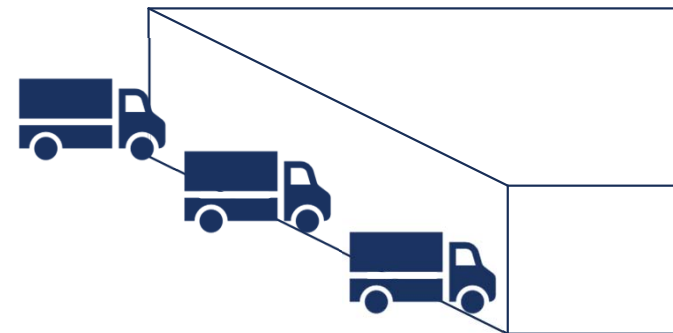
WHAT'S NEXT

- Upcoming workshop information will be provided
 - Agenda
 - ZOOM link
- Gina Triviso (gtriviso@aqmd.gov)

CERP IMPLEMENTATION – TRUCK TRAFFIC AND FREEWAYS



- Chapter 5b, Action E
 - CSC expressed concern about warehouses and related emissions from truck traffic
 - Action E commits South Coast AQMD to continuing the development of the Warehouse Indirect Source Rule (ISR)



WAREHOUSE INDIRECT SOURCE RULE (ISR) RULE 2305 UPDATE

Warehouse Indirect Source Rule (ISR)
Update

RULE 2305 UPDATE

May 2021 Public Hearing with Governing Board

- Rule 2305 and Rule 316 adopted
- Fulfills one of the key actions requested by the CSCs
- ~340 Rule 2305 applicable warehouses in SELA

First Compliance Deadlines:

- Warehouse Operations Notification (due Sep 1, 2021)
 - Received warehouse information from owners
 - Analyzing submitted information for future compliance & outreach
- First compliance period for operators in warehouses \geq 250,000 sq ft (Jan 1, 2022 – Dec 31, 2022)
 - Initial Site Information Report (due Jul 1, 2022)

WAIRE PROGRAM ONLINE PORTAL (WAIRE POP)



Step 1 of 3

Submit Warehouse Operations Notification (WON) Report

The WON report must be submitted by warehouse owners by September 1, 2021 for warehouse buildings of at least 100,000 sq ft of indoor floor space.

Please follow the steps below to submit the WON report.

- 1) Download the WON Spreadsheet Template by clicking on the "DOWNLOAD TEMPLATE" icon below, then Upload the completed WON Spreadsheet Template report by
 - (a) selecting the file or
 - (b) dragging and dropping the file into the "UPLOAD FILE" box.
Only Excel or XLS files are accepted.
 - 2) Proceed to certify and submit the WON Report submission by clicking the "SUBMIT WON REPORT AND PAY".
 - 3) Payment can be completed through WAIRE POP or an Invoice with Voucher Number can be created for payment mailing or drop off at the South Coast AQMD Cashier.
- *Payment must be received or postmarked by the report due date*

DOWNLOAD TEMPLATE

Click Here

OR

Drag and Drop

to Select a Single WON
Spreadsheet to Upload



WAIRE POP Sign In

Sign in to your account to continue

Email Address

Password

Remember me

Sign In

[Forgot Password](#)

[Create Account](#)

OUTREACH EFFORTS

- Email and hotline (waire-program@aqmd.gov and 909-396-3140)
- WAIRE program listserv, bulk mailers, and social media campaigns
- WAIRE program compliance website (www.aqmd.gov/waire)
 - Final rule language
 - Implementation guidelines, fact sheets, and FAQ
 - Training videos
- Training webinars
- Presentations to trade associations & one-on-one consultation sessions

WAIRE PROGRAM OUTREACH STATISTICS SINCE RULE ADOPTION

- Compliance advisory sent to >5,000 warehouse properties and owners in July
- ~300 calls to WAIRE Program Hotline (909 396-3140)
- ~4,000 visits to www.aqmd.gov/waire
- ~300 emails to waire-program@aqmd.gov
- 500+ views of training videos (outside of webinars)
- 600+ attendees to webinars and presentations to external groups
- ~10,000 emails sent with information about WAIRE Program resources

QUESTIONS?



waire-program@aqmd.gov



(909) 396-3140



www.aqmd.gov/waire



www.aqmd.gov/sign-up → WAIRE Program Compliance

CERP IMPLEMENTATION – TRUCK TRAFFIC AND FREEWAYS



- Chapter 5b, Action C
 - CSC asked to reduce exposure to heavy-truck emissions from truck idling
 - Action C commits CARB to collaborate with South Coast AQMD to conduct quarterly enforcement sweeps
- Chapter 5b, Action D
 - CSC asked to reduce exposure to heavy-truck emissions from truck idling
 - Action D commits CARB and South Coast AQMD collaborate with the CSC to identify and prioritize “No Idling” sign placement in the SELA community



Enforcement Efforts in Your Community CERP Implementation Update

Southeast Los Angeles

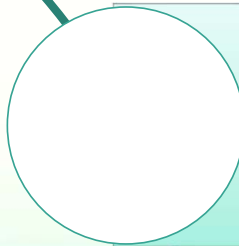
Crystal Reul-Chen, Community Enforcement Liaison

September 16, 2021

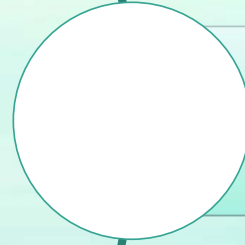
CARB's SELA CERP Enforcement Commitments

Action	Implementation Dates (Quarter/Year)	
CARB to prioritize Cargo Handling Equipment (CHE) and TRU regulations enforcement	2021	2025+
Distribute educational material to local trucking companies to incentivize non-critical idling reductions	1st/2021	4 th /2025
Install “No Idling” signs with contact information	3 rd /2021	4 th /2022
Conduct quarterly enforcement sweeps in coordination with South Coast AQMD	2 nd /2021	1 st /2022
CARB to pursue a catalytic converter theft deterrence and education program in SELA.	1 st /2021	4 th /2025
Community Pollution Enforcement Workgroup	3 rd /2022	4 th /2025

CARB Truck TRU Inspections in SELA



101 TRU inspections in 2020*
• 45 emissions violations
• 25 non-emissions violations



Average 102 inspections annually for 2017-2019




CARB enforcement staff prioritizing TRU inspections in SELA



*Covid restrictions impacted 2020 inspection capability

CARB Railyard CHE Inspections in SELA



2017 audit all 208 pieces of equipment in SELA at railyards

- 100% compliance with in-use performance standards
- CHE audits typically done every 3-5 years

Full railyard inspection/audit planned for this next year

- Verify CHE compliance with in-use performance standards
- Inspect all TRUs on trailers and trains
- Using PEAQS and reporting data, determine drayage trucks compliance

Use inspection/audit results to determine next steps Fall 2022

Idling Reduction Materials



California's Truck Idling Rules are Enforced

Know the rules and your options

Any law enforcement department, including districts and CARB, can fine a 10,000 pot or greater truck owner and driver up to \$ per day for illegal idling (13 CCR 2480 & 2).

Where can't trucks idle?

Within 100 feet of these restricted areas, even with a certified Clean Idle engine/sticker:

- Homes
- Schools
- Hospitals
- Senior Care Facilities
- Childcare Facilities

When can trucks idle?

For up to 5 minutes in most other parts of California, and for longer in these conditions:

- With certified Clean Idle engine and while queuing in unrestricted areas
- In adverse weather conditions
- Using a power take-off device
- In traffic
- During mechanical failure
- For certain inspections

What are the benefits of not idling?

- Save money**
 - Restarting a truck uses less fuel than idling.
 - Between ½ and 1 gallon of fuel is used for every hour of idling.
 - At \$4 per gallon, a diesel truck idling for only an hour per work day can cost \$500-\$1000 annually.
- Save on maintenance costs and increase the life of the vehicle: idling an engine can cause twice the wear and tear on engines as driving at regular speeds.
- Quieter for your neighbors
- Less air pollution means fewer illnesses and deaths from lung and heart diseases

How can you stay comfortable in the cab?

- Use battery-powered auxiliary power systems.
- Use electric hook-ups that provide heating, cooling, and electricity.
- When possible, open windows and wear layers.

Myth: Diesel particulate filter (DPF) regeneration requires idling.

Fact: DPF regeneration passively occurs at driving speed engine temperatures. To achieve the temperature needed to regenerate the DPF while idling requires injecting about ½ gallon of fuel into the engine on top of the fuel already wasted during idling.

When in doubt, turn it off. For you, your family, your friends, and your community.

Visit arb.ca.gov/noidle for more information CARB's idling rules.

CALIFORNIA AIR RESOURCES BOARD

Created first half 2021

Distribution began Summer 2021

- Railyards, LA/Long Beach ports, during field enforcement, and shared with SCAQMD to distribute during idling sweeps

Clarification determined Sept 2021

- Updating factsheet to clearly state general rule: Trucks and buses can idle everywhere in California for up to 5 minutes
- Distribution to resume Fall 2021

CARB/SCAQMD Idling Reduction Work



CARB and SCAQMD are committed to conducting at least one enforcement sweep* every quarter once we know where the CSC would like them

*CARB will use the information gathered for this exercise to conduct full inspections of vehicles in the idling locations of concern

CSC idling identification and prioritization exercise tonight

Identifying Idling Locations of Concern: Prioritization

Exercise for No Idling Signs

Map

- Google map (<https://bit.ly/SELA-idling>)
- Chat or Google users can directly add in points

Vet

- CARB use tonight's input against rule to prioritize locations
- E.g., signs by sensitive receptors

Post

- Take list, and CARB-provided signs, to local municipalities
- Need CSC member help in each community

No Idling Signs Exercise

SELA No Idling Sign Locations
Currently marked Posted No Idling Signs (Aug. 2020) are approximate locations.
59 views

All changes saved in Drive

Add layer Share Preview


Idling Locations (CSC Sept 2021)
EXAMPLE: E Florence Ave & ...

Posted No Idling Signs (Aug. 2020)
Individual styles

- 4545 Ardine St
- Otis Street
- Firestone/Atlantic
- Rayo/Firestone
- Mason Alley
- Firestone/Garfield
- Miller way/ Garfield
- Miller Way
- Southern/Frontage

<https://bit.ly/SELA-idling>

Demonstration of how to add a pin for Google users:

1. Click on the 'No Idling' sign locations layer. The bar on the left side should turn blue.
2. Find location.
3. Use add marker button.
4. Fill in title and description (see below)
5. Don't forget to SAVE your pin 

Zoom Chat suggestions:

1. Where: Address/cross streets/side of the street
2. Who: Sensitive receptor(s) by it
3. What: Trucks, buses, or cars
4. When: Days of the week it is a problem, times of the day

Follow-up to No Idling Signs Exercise

October 1st

- Map will remain accessible until October 1st
- Email Gina or me (Crystal Reul-Chen, Crystal.Reul-Chen@arb.ca.gov)

Fall 2021

- Vetting process will occur
- Finalized priority list available December 2021

2022+

- CSC volunteers sign up - to champion posting of signs
- Work with municipalities to get signs posted

Thank you!

???

Questions?



Comments?

Contact me: Crystal Reul-Chen, (951)
542-3362
(Crystal.Reul-Chen@arb.ca.gov)



CAMP IMPLEMENTATION UPDATE

Payam Pakbin, Ph.D. ppakbin@aqmd.gov

Program Supervisor

CAMP IMPLEMENTATION UPDATE



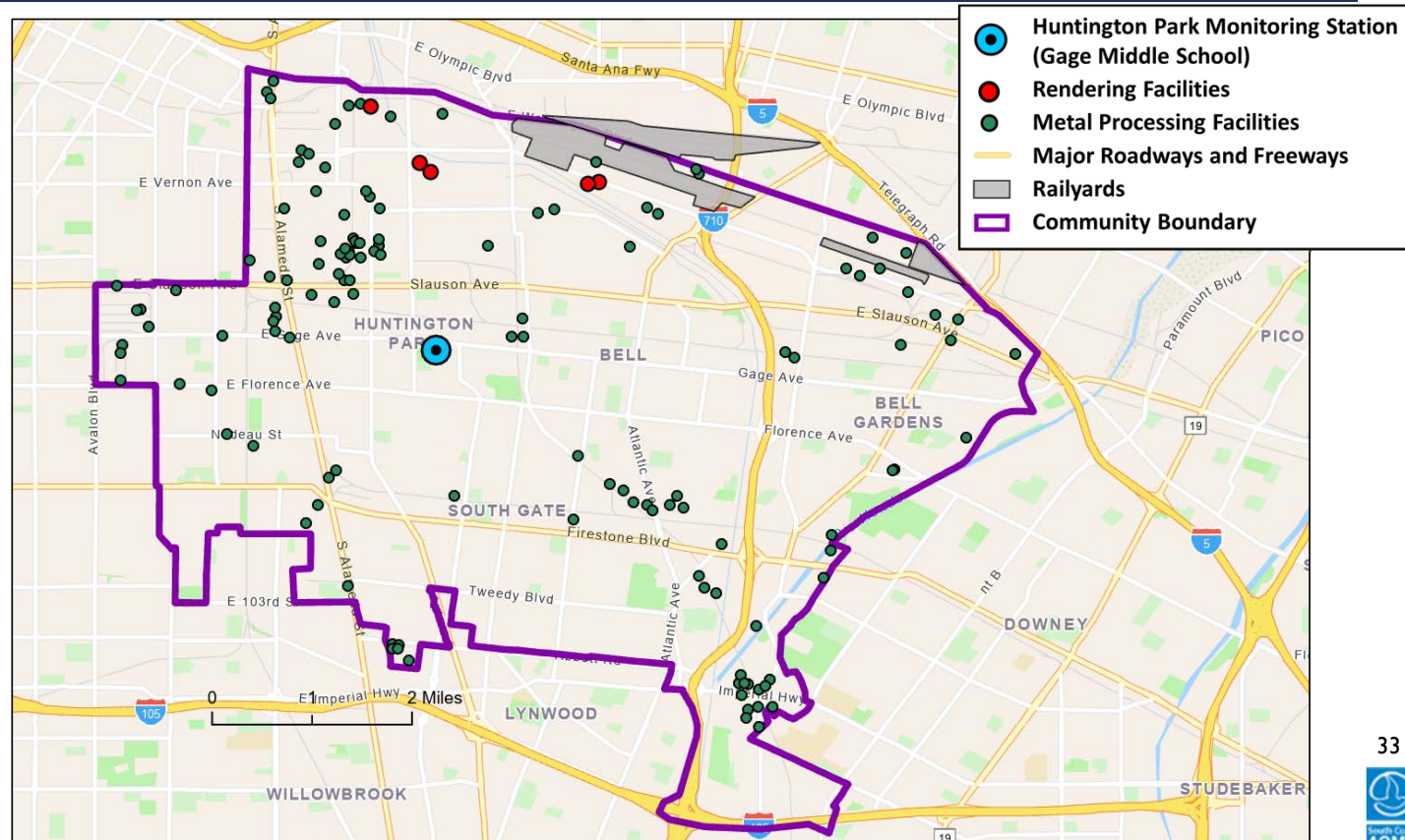
South Coast AQMD is in the process of establishing a monitoring station in Huntington Park



SELA monitoring webpage provides access to real-time air quality data, CAMP documents, and future air monitoring progress reports: <http://www.aqmd.gov/ab617/monitoring/sela>

HUNTINGTON PARK MONITORING STATION

Purpose: to provide real-time air quality data in the community and evaluate the trend of certain pollutants over the CERP/CAMP implementation period



FIXED AIR MONITORING STATION HUNTINGTON PARK



- The new AB 617 community air monitoring station will be fully operational in the 4th quarter of 2021
- Will provide real-time measurements of:
 - Black carbon (BC)
 - Nitrogen dioxide (NO₂)
 - Air toxic metals (for example, lead, arsenic, etc.)

Payam Pakbin
ppakbin@aqmd.gov
909-396-2122

SELA ANNUAL PROGRESS REPORT

SELA CERP IMPLEMENTATION

2020 - 2021



OVERVIEW



AB 617* requires air districts to annually report the progress of CERP implementation



Report will be updated to include implementation totals to-date



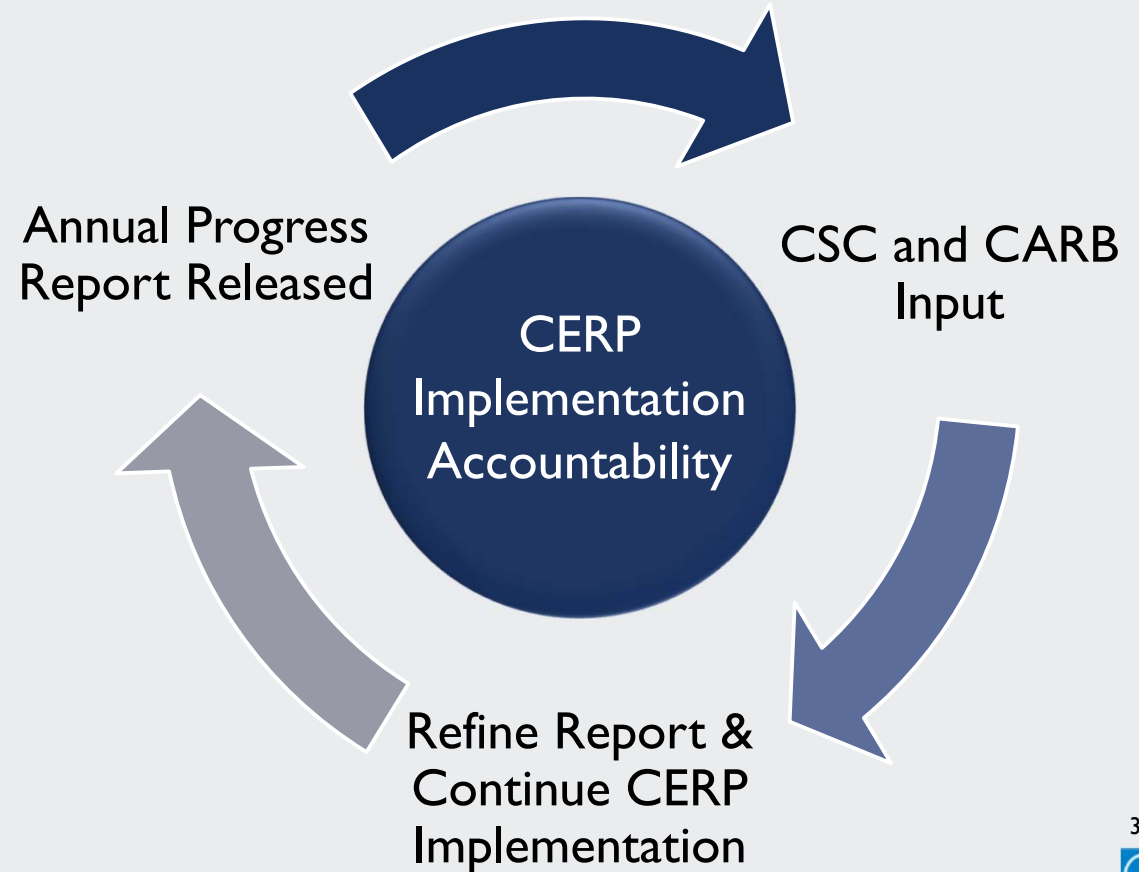
Annual reports sent to CSC and CARB for review



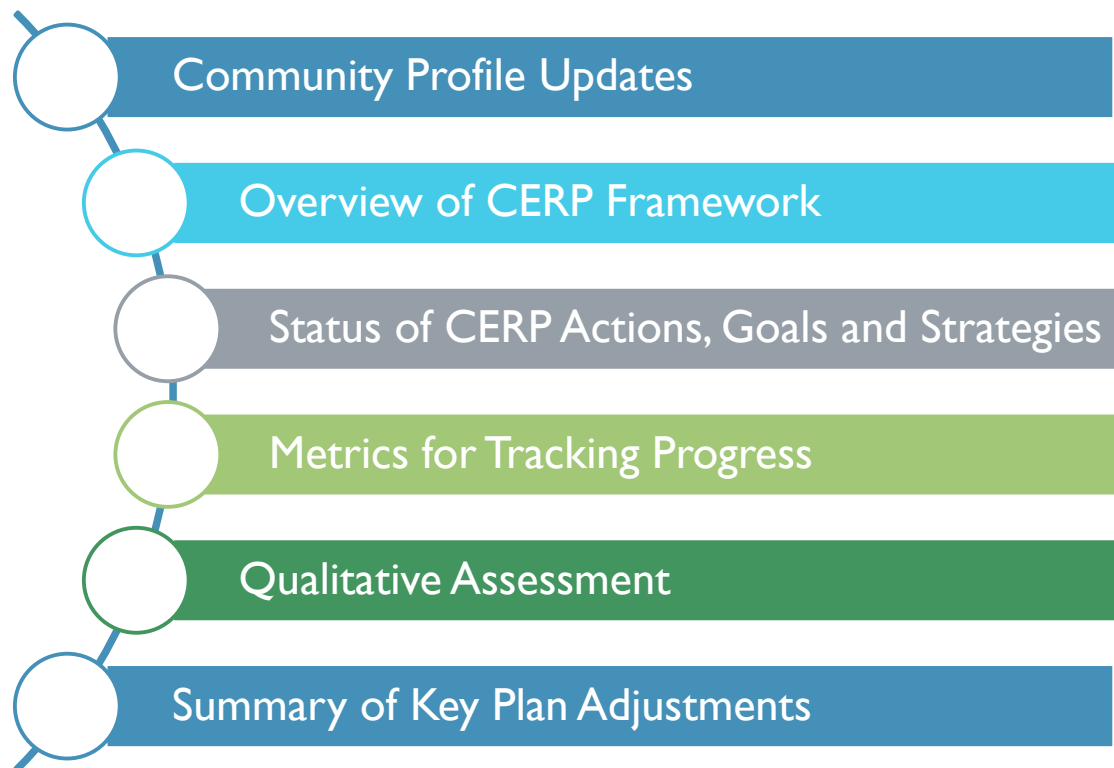
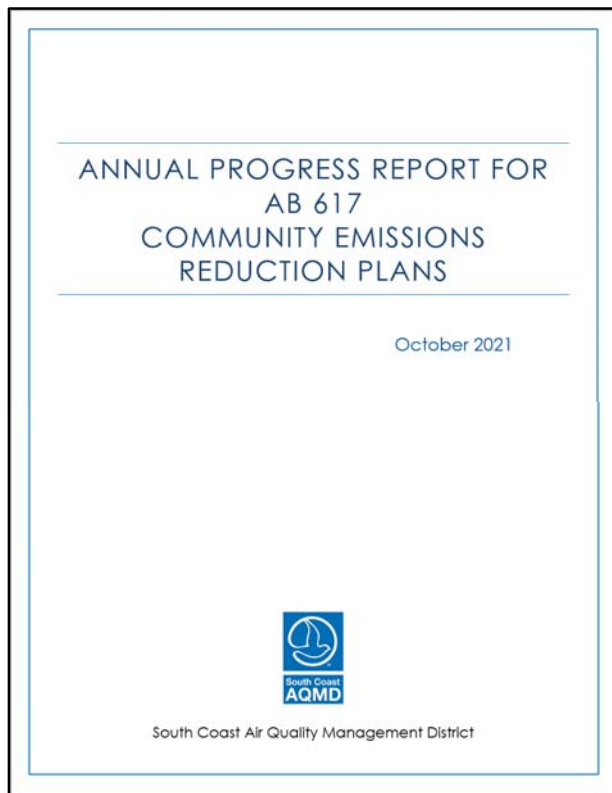
CARB may suggest plan revisions to air districts

*Health and Safety Code §44391.2(c)(7)

PURPOSE



OVERVIEW OF REPORT ELEMENTS



SELA IMPLEMENTATION HIGHLIGHTS (2020 – 2021)

- \$15.1 million allocated incentive projects (e.g., mobile source projects, zero emission trucks, green spaces, school air filtration systems) through CARB's Community Air Protection Program (CAPP) Incentive Funds
- South Coast AQMD Board adopted Rule 2305 – Warehouse Indirect Source Rule (ISR) in May 2021
- Worked with the CSC to identify ~10 local fleets and small businesses to provide information on incentive funding for zero-emission technology
- Mobile measurements near and around railyards, metal processing facilities, and all rendering facilities

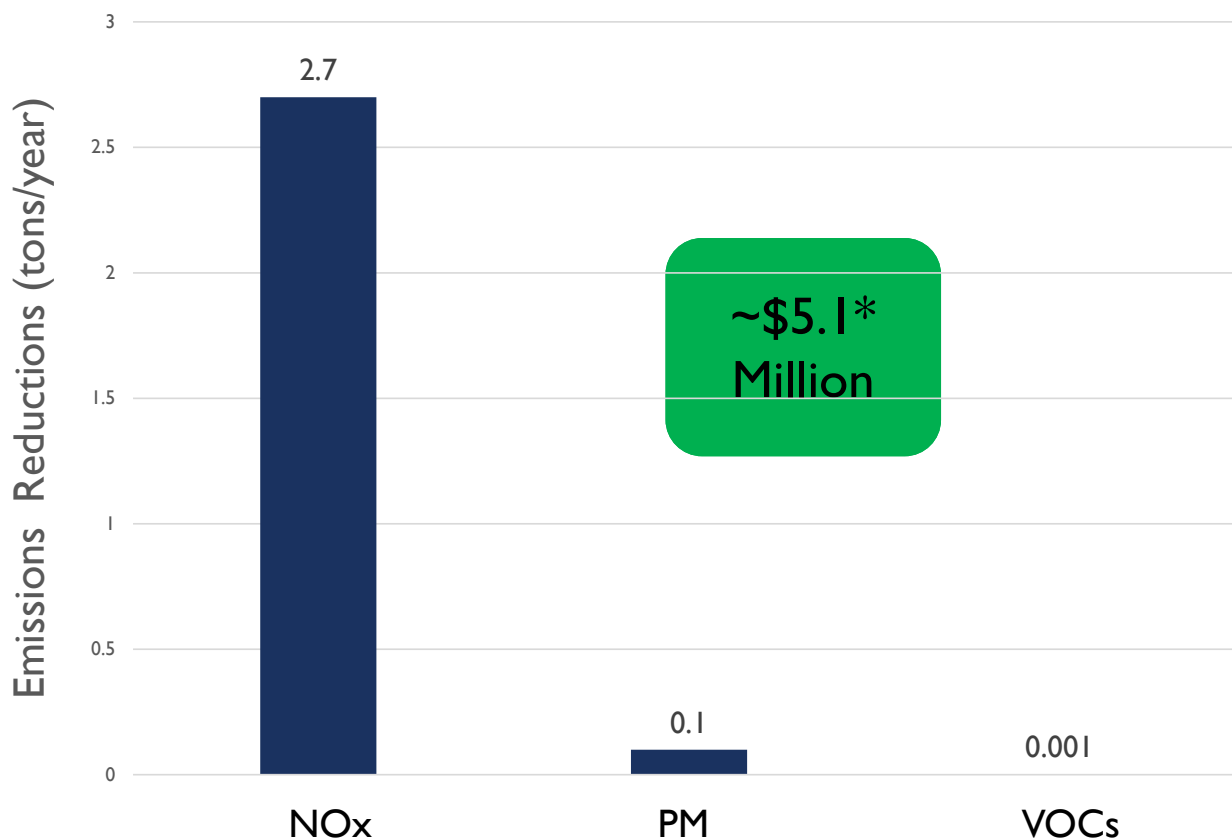


TOTAL INVESTMENT IN INCENTIVES

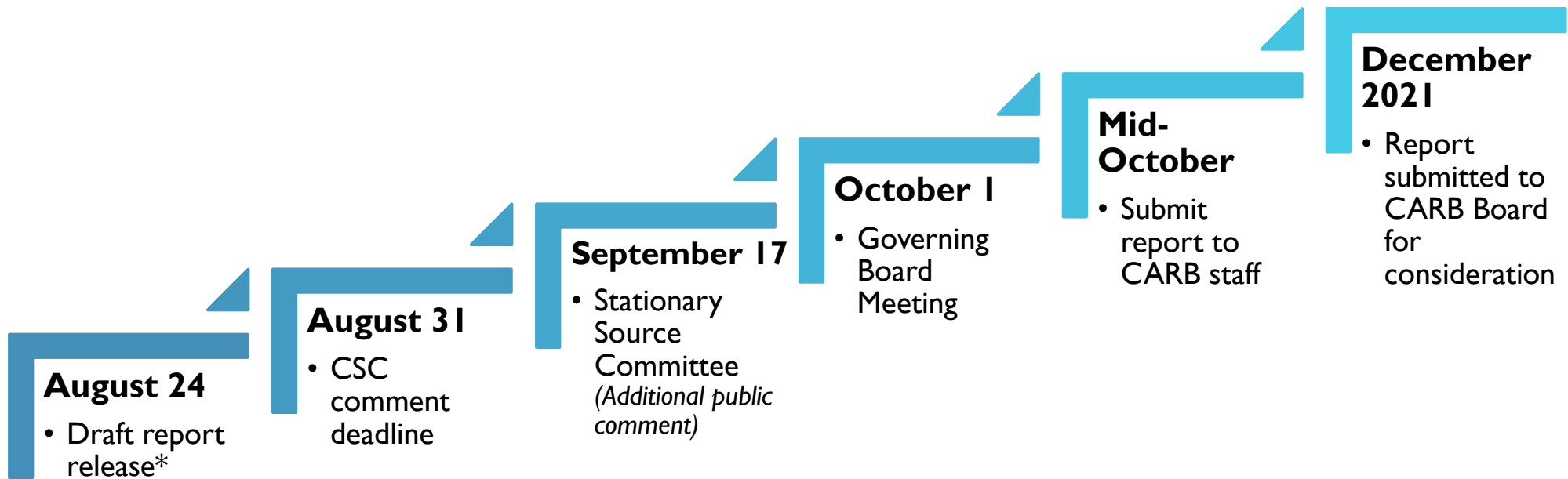
- Future incentive-based emission reductions dependent on program funding

*Actual totals will be reflected in the annual report

Approximate Emission Reductions (tons/year) to date based on Pollutant and Total Investment



ANNUAL PROGRESS REPORT TIMELINE



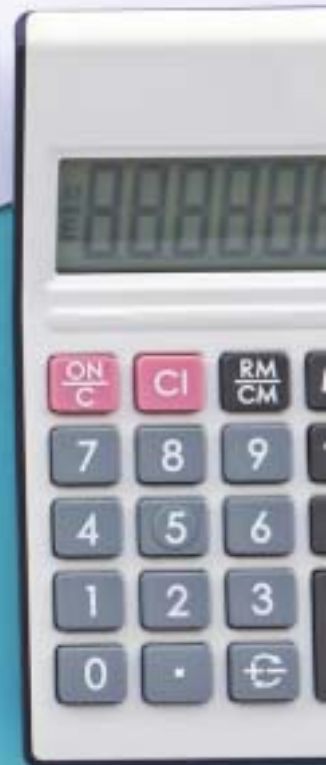
*2020-2021 Draft Annual Progress Report will be available online at <http://www.aqmd.gov/docs/default-source/ab-617-ab-134/2020-2021-draft-progress-report.pdf>

AB 617 BUDGET OVERVIEW

CERP IMPLEMENTATION

AB 617

<i>ELABAWC</i>	<i>ECV</i>	<i>SLA</i>
<i>SBM</i>	<i>SELA</i>	
<i>WOWLB</i>		



AB 617 BUDGET OVERVIEW

Incentives



~\$260 Million

- Total amount awarded since 2017
- Community Air Protection Program
 - Mobile Source Projects
 - Community Identified Projects
- Carl Moyer Program
- Prop 1B
- 1st and 2nd quarter discussions

Implementation



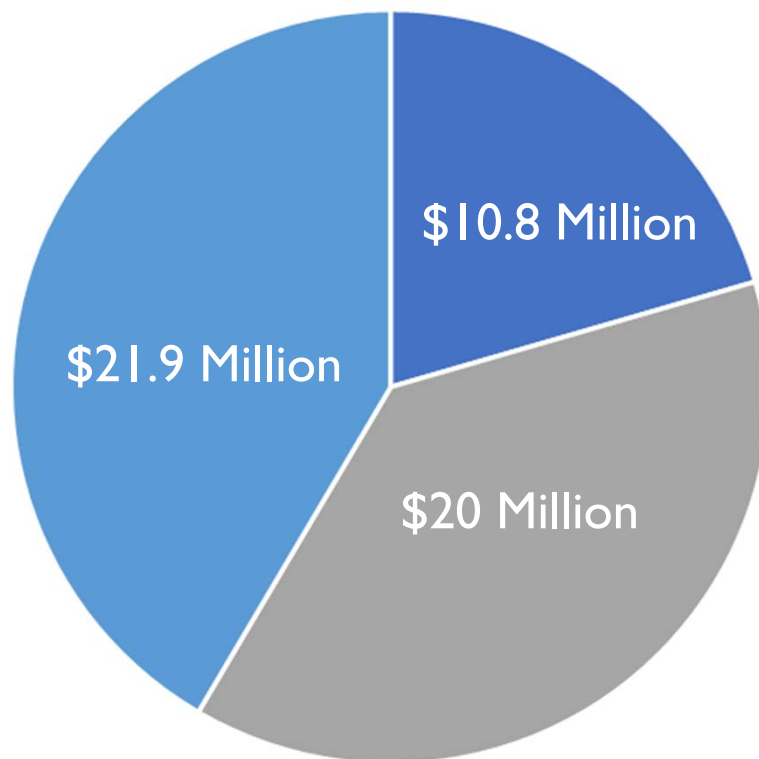
~\$50 Million

- Total amount awarded since 2017
- CSC Stipends
- Air monitoring equipment, contractors (e.g., *Aclima*), and data visualization
- Interpretation and facilitation services
- Staff salaries
- Today's discussion

AB 617 IMPLEMENTATION BUDGET

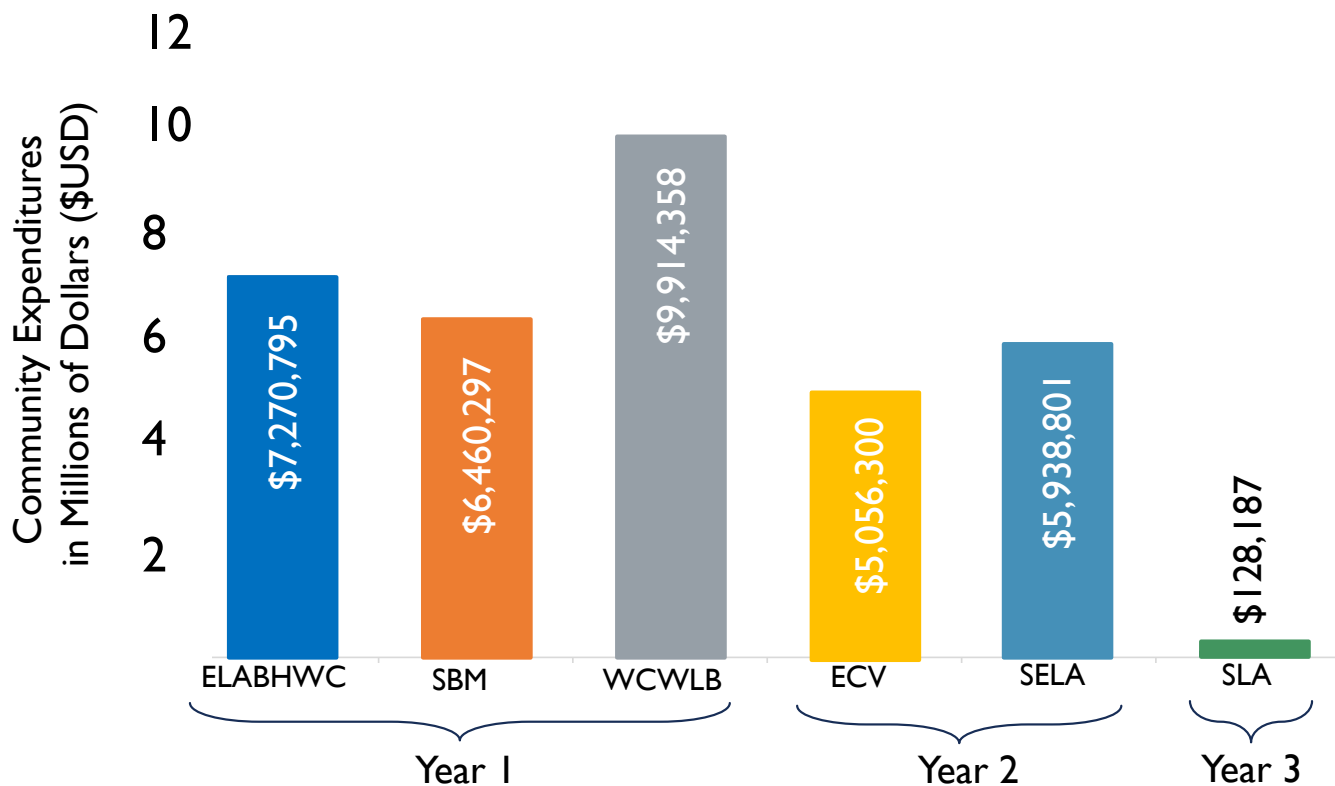
Grant Years

- Year 2017
- Year 2018
- Year 2019



- Grant funds awarded through June 2021 total \$52.7 Million
- Grant funds awarded for implementation across all South Coast AQMD AB 617 communities
- Grant 2020 was received July 2021 for \$21.9 Million

AB 617 IMPLEMENTATION EXPENDITURES BY COMMUNITY



- Total AB 617 expenditures through June 2021: \$51,648,938*
- Cross community expenditures totaled \$16,880,200
- Remaining balance: \$1,031,062†

*Expenditures are currently unaudited
 †Remaining balance as of 6/30/21 equal to: \$52,680,000 - \$51,648,938

SELA IMPLEMENTATION EXPENDITURES

Staff Salaries

- CERP Implementation including:
 - Collaborations with agencies and organizations to advance CERP goals
 - Project plan development
 - Enforcement efforts

Services and Supplies

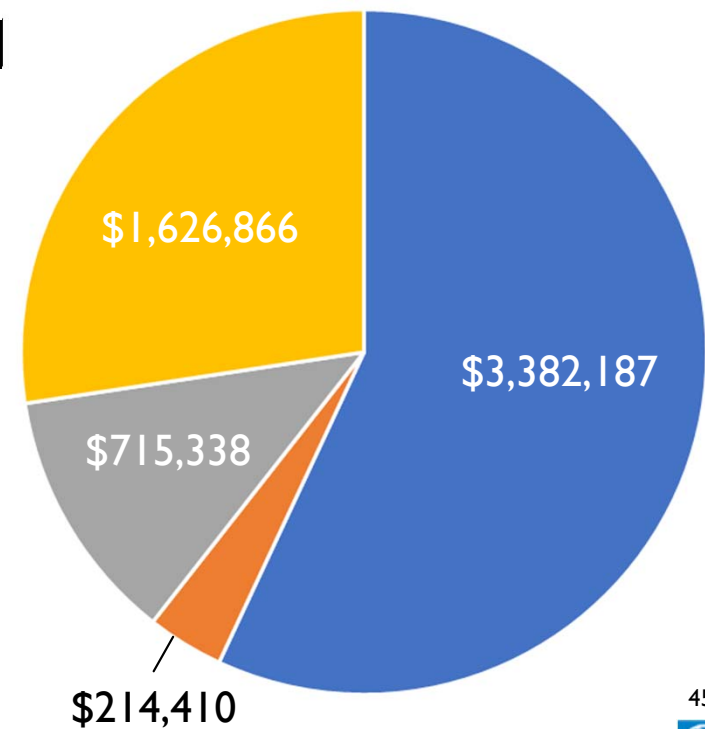
- Interpreter services
- CSC Stipends
- Cloud data storage

Capital outlays

- Lab supplies
- Air pollution instrumentation (e.g., BC, ozone, NOx, particle counters)
- Data visualization

\$5,938,801

Total expenditures through June 2021



Indirect Costs

- Overhead costs
- Legal, finance, administration, etc.

AB 617 COMMUNITY EXPENDITURES

Community Needs

- Community expenditures differ based on community needs, for example:
 - Unique air quality concerns – WCWLB Ports and Refineries require special monitoring contracts
 - Approach to community engagement – ECV had additional community working groups

Years in AB 617 Program

- Year 1, 2, and 3 communities have different implementation budgets due to the amount of time they have been in the program
 - Year 1 communities have been under implementation since 2020
 - Year 2 communities have been under implementation since 2021
 - Year 3 communities are still in development phase