SELA CSC
2021
Member Updates
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Time</th>
<th>Date</th>
<th>Event Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 28, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>4:00 – 6:00 pm</td>
<td>June 17, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>4:00 – 6:00 pm</td>
</tr>
<tr>
<td>March 4, 2021</td>
<td>Incentives Budgeting Workshop</td>
<td>Virtual Meeting 4:00 – 6:00 pm</td>
<td></td>
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</tr>
<tr>
<td>April 15, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>Virtual Meeting 4:00 – 6:00 pm</td>
<td>September 16, 2021</td>
<td>Community Steering Committee Meeting</td>
<td>Virtual Meeting 4:00 – 6:00 pm</td>
</tr>
</tbody>
</table>
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**

- **March**
  - CSC Meeting #2
    - Incentives Participatory Budgeting
    - School Air Filtration Systems
    - General Industrial Facilities Updates
  - Incentives Budgeting Workshop

- **April**
  - CSC Meeting #3
    - General Industrial Facilities Discussion
    - CAPP Incentives Recap & Next Steps
    - CARB Truck Enforcement Updates

- **June**
  - CSC Meeting #4
    - Truck Traffic and Freeways Updates
    - Annual Progress Report and Budget
    - CAMP Implementation Updates

- **Today**
  - CSC Meeting #1 (tentative)
    - General Industrial Updates
    - Metal Processing Facilities
    - Green Spaces
• 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
<table>
<thead>
<tr>
<th>Why a project plan for truck incentives?</th>
<th>Existing incentive programs are not working for certain fleets and small businesses in AB 617 communities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Incentive program changes are needed to attract more participants</td>
</tr>
<tr>
<td></td>
<td>Customize incentives to meet the needs of the community (e.g., prioritize small businesses)</td>
</tr>
<tr>
<td></td>
<td>Prioritize funding for trucks in the AB 617 communities</td>
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</tbody>
</table>
TRUCK INCENTIVES WORKSHOP (OBJECTIVES AND DATES)

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

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

Develop a process for entities seeking funding for cleaner trucks

Customize, as needed, for each AB 617 community

Modify incentive program for cleaner trucks in the AB 617 communities

**Workshop** | **Dates**
---|---
1st | October 20, 2021
2nd | December 1, 2021
3rd | 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 ≥ 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
OUTREACH EFFORTS

- Email and hotline ([waire-program@aqmd.gov](mailto: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](http://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 to 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

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

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

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 per day per greater truck owner and driver up to $1 per day for illegal idling (11 CSR 2400.1).

Where can’t trucks idle?
When 100 feet of obstructed areas, even with a certified Clean Idle engine or truck.

- Hospitals
- Schools
- Restaurants
- Senior Care Facilities
- Child care Facilities

When can trucks idle?

For up to 5 minutes in most other places in California, and for longer in these conditions:
- With certified Clean Idle engine and while operating 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.
- Raising the temperature of 1 gallon of fuel is equal to an hour of idling.
- It is $4 per gallon, a diesel truck idling for 1 hour per year per week day can cost $500-$1,000 annually.
- Save on maintenance costs and increase the life of the vehicle. An engine can last twice the wear and last six engines as driving at regular speeds.
- Quieter for your neighbors.
- Less air pollution means fewer illnesses and deaths from lung and heart disease.

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 typically occurs at driving speed and engine temperatures. To achieve the temperature needed to regenerate the DPF while idling, requires injecting about 36 gallons of fuel every 30 minutes, or 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 cdot.ca.gov/airsofca for more information on CARB’s idling rules.
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**
- 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

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
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](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.
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.)
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)
OVERVIEW OF REPORT ELEMENTS

- Community Profile Updates
- Overview of CERP Framework
- Status of CERP Actions, Goals and Strategies
- Metrics for Tracking Progress
- Qualitative Assessment
- Summary of Key Plan Adjustments
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

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

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Emissions Reductions (tons/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOx</td>
<td>2.7</td>
</tr>
<tr>
<td>PM</td>
<td>0.1</td>
</tr>
<tr>
<td>VOCs</td>
<td>0.001</td>
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</table>

*$5.1* Million

*Actual totals will be reflected in the annual report
*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
ELABAHWC ECV SLA
SBM SELA
WCWLB
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
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

**Indirect Costs**
- Overhead costs
- Legal, finance, administration, etc.

Total expenditures through June 2021: $5,938,801
- Staff salaries: $1,626,866
- Services & supplies: $715,338
- Capital outlays: $3,382,187
- Indirect costs: $214,410
AB 617 COMMUNITY EXPENDITURES

Community Needs

• Community expenditures differ based on community needs, for example:
  o Unique air quality concerns – WCWLB Ports and Refineries require special monitoring contracts
  o 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
  o Year 1 communities have been under implementation since 2020
  o Year 2 communities have been under implementation since 2021
  o Year 3 communities are still in development phase