

AB 617 SOUTH LOS ANGELES COMMUNITY STEERING COMMITTEE CERP AND CAMP WORKSHOPS

March 3, 2022

4:00-6:00 PM

Join Zoom Meeting: <https://scaqmd.zoom.us/j/94495037159>

Teleconference: +1 669 900 6833

Spanish Meeting ID: 932 0955 9643



South Coast
AQMD



SCOPE STRATEGIC
COMMUNITY
AGENDA



WATTS CLEAN AIR & ENERGY
COMMITTEE

Language Justice Announcement

During the Event

SLOW DOWN

Facilitators, presenters, trainers, participants... anyone speaking during the event, **speak at a moderate pace**. Take a breath after each sentence, **take a pause** after switching speakers and asking questions. Slowing down supports **EVERYONE**, not just interpreters.



SPEAK-UP

Speak loud and clear! Ideally, **using headphones with a mic**. Interpreters need to be able to hear the speaker over the sound of their own voice when doing simultaneous interpretation.

SAY YOUR NAME EACH TIME YOU SPEAK

Folks listening to the interpretation might only hear the interpreters voice, so they will not notice when a new person is speaking.



ONE PERSON AT A TIME

Interpreters can only interpret for **one person at a time**, and they don't want to be put in the position of having to decide which voice to privilege over another.

LANGUAGE IS NOT A BARRIER

To the contrary, when we have multiple languages in a space, **we have multiple cosmovisions**, and multiple ways of understanding the world. We have the opportunity to expand and deepen our perspective, our imaginations, the possible strategies, tactics, and visions for what is possible.



TODAY'S AGENDA



**ITEM 1: Where We Are At and
South Coast AQMD Update**

**ITEM 2: Community Emissions Reduction Plan
(CERP) Workshop**

**ITEM 3: Community Air Monitoring Plan (CAMP)
Workshop**

ITEM 4: Defining Next Steps

ITEM 5: Public Comments

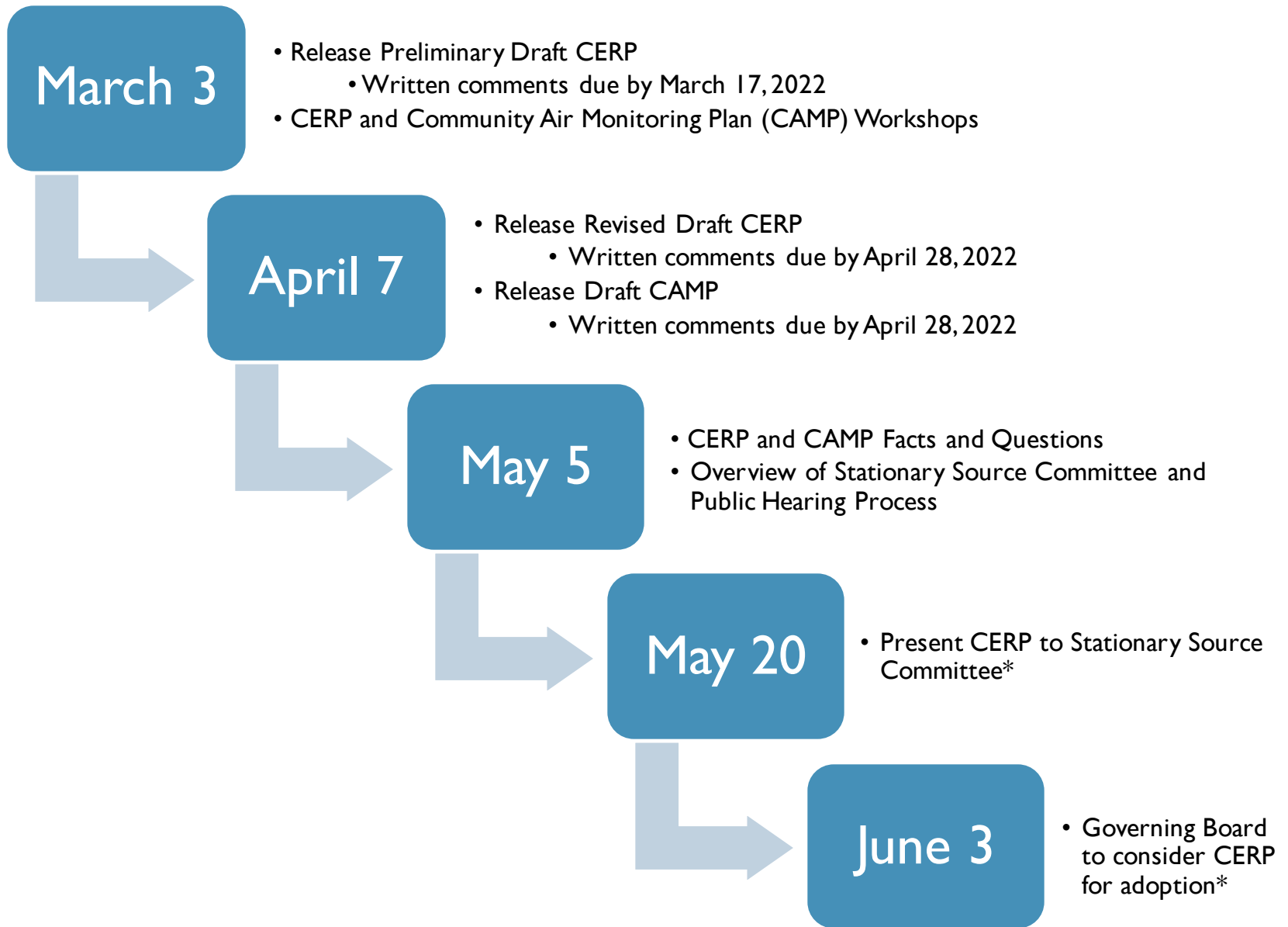


ITEM 1: Where We Are At and South Coast AQMD Update



Paul Rodriguez
Assistant Air Quality Specialist

COMMUNITY EMISSIONS REDUCTION PLAN (CERP) DEVELOPMENT TIMELINE



*Opportunity for public comments to Board members

ITEM 2: CERP Workshop



Nicole Silva
Program Supervisor

SOUTH LOS ANGELES PRELIMINARY DRAFT CERP



- The SLA Preliminary Draft CERP is now available online at <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/south-la>

CERP TABLE OF CONTENTS

Main Chapters

1 Introduction

2 Community Outreach

3a Community Profile

3b Emissions and Source Attribution

4 Enforcement Overview and History

5 Actions to Reduce Community Air Pollution

6 CAMP Summary

- Content of chapters adhere to CARB's Blueprint
- Sections to highlight:
 - Chapter 3a:
 - Requesting quotes from CSC about the SLA community
 - Chapter 3b:
 - Provides emissions information based on major source category

FUTURE APPENDICES

Appendices content will adhere to CARB's Blueprint and will provide additional details according to their respective titles

Appendix 2: CSC Process

Appendix 3a: Community Profile

Appendix 3b: Source Attribution

Appendix 4: Enforcement Overview and History

Appendix 5: Air Quality Priorities

Appendix 6: California Environmental Quality Act (CEQA)
Analysis Summary

Appendix 7: Response to Comments

CHAPTER 5: ACTIONS TO REDUCE COMMUNITY AIR POLLUTION

Subchapters

5A Introduction

5B Mobile Sources

5C Auto Body Shops

5D General Industrial

5E Metal Processing Facilities

5F Oil and Gas Industry

- Subchapter 5a includes overview of:
 - Air Quality Priorities
 - Ongoing Efforts
 - Opportunities for Action
 - Emissions Reduction Targets
- Subchapters 5b-5f include overview of:
 - Community Concerns
 - Regulatory Background
 - Emission and Exposure Reduction Goals and Actions

TABLE 5A-1: CERP EMISSIONS REDUCTION TARGETS

Year	Emissions	NOx*	DPM*
2019	Baseline Emissions (tpy)**	3,339	41.14
2026	Projected 2026 Baseline Emissions (tpy)**	2,179	18.22
	Emissions Reductions from CERP (tpy)	TBD	TBD
	Overall Emissions Reductions from 2019 (%)	TBD	TBD
2031	Projected 2031 Baseline Emissions (tpy)**	1,957	15.93
	Emissions Reductions from CERP, by 2031 (tpy)***	TBD	TBD
	Overall Emissions Reductions from 2019 (%)	TBD	TBD

* Estimated emissions reduction targets will be finalized as part of the Final CERP presented to Governing Board on June 3, 2022.

** Emissions were developed and presented in tons per day unit in Chapter 3b and Appendix 3b. The emissions in this table were converted from the annual emissions in tons per day multiply by 365

***Estimated emissions reduction targets from this CERP, by 2031 include TBD tpy NOx and TBD tpy DPM from projected incentive projects.

TABLE 5A-2: EMISSIONS REDUCTION TARGETS FOR CARB STATEWIDE MEASURES[†]

Proposed Statewide Measure ^{††}	Action Date	Emissions Reductions Targets 2026/2031 (tpy)							
		NOx		VOC		DPM		PM2.5	
		2026	2031	2026	2031	2026	2031	2026	2031
Advanced Clean Fleet	2023	5.3	24	-	-	0.0	0.0	0.1	0.6
Advanced Clean Car 2	2022	2.1	27	1.3	21	0.0	0.0	0.6	7.6
Heavy-Duty Inspection and Maintenance	2021	122	140	-	-	1.0	1.0	1.0	1.0
Small Off-Road Engine Amendment	2021	19	60	144	416	-	-	1.4	3.9
Transport Refrigeration Unit Regulation	2022	3.5	8.5	0.4	1.1	1.3	2.8	1.2	2.6
Total		152	259	146	438	2.3	3.8	4.2	16

[†] Emissions reduction targets based on estimates from CARB. Emissions reductions are subject to future assessment and regulatory analysis that may result in adjustments to emissions reduction.

^{††} For more information on CARB's Proposed Statewide Measures, please click on the hyperlinks listed in this column.

OVERVIEW OF CERP SUBCHAPTER TABLES

Air Quality (AQ) Priority Table Title

Goals	Actions	Responsible Entity(ies)	Metrics	Timeline
Brief action title/ description	Policies developed by the CSC for emissions and exposure reduction	Entity(ies) overseeing action implementation	Quantifiable measure used to track and assess the status of an action	Begin dates

Example: Table 5a-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A:Warehouses and Idling	Conduct truck and bus inspections	CARB South Coast AQMD	Number of truck and bus inspections in CSC-identified areas of concern	Begin 3 rd quarter 2022



CHAPTER 5B: MOBILE SOURCES

SOUTH LOS ANGELES (SLA) PRELIMINARY DRAFT CERP



CERP ACTIONS TO ADDRESS MOBILE SOURCES

Table 5b-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. Warehouses and Idling	<ul style="list-style-type: none"> Conduct truck and bus inspections at locations of concern identified by the CSC Conduct outreach to warehouses regarding South Coast AQMD Rule 2305 requirements to reduce the impact of truck traffic Distribute outreach materials to the community on mobile source regulations and how to file a complaint with CARB Install “No Idling” signs in CSC-identified locations 	<ul style="list-style-type: none"> CARB South Coast AQMD 	<ul style="list-style-type: none"> Number of truck and bus inspections in CSC-identified locations Number of materials distributed to warehouses Number of outreach events or materials distributed to the community Number of signs installed 	3 rd quarter, 2022

CERP ACTIONS TO ADDRESS MOBILE SOURCES (CONTINUED)

Table 5b-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
B. School Air Filtration	<ul style="list-style-type: none"> • Work with local school districts and CSC members to identify and prioritize schools for air filtration systems • Install air filtration systems according to prioritization list and identified funding source criteria 	South Coast AQMD	<ul style="list-style-type: none"> • Number of identified funding sources for school air filtration systems • Total incentive dollars allocated for air filtration systems • Provide prioritization list to receive air filtration systems • Number of schools that install air filtration systems‡ 	1 st quarter, 2023

‡ Total number of schools to receive air filtration systems is dependent on total AB 617 CAP Incentives allocated or identification of other funding sources for installation of air filtration systems in SLA.

CERP ACTIONS TO ADDRESS MOBILE SOURCES (CONTINUED)

Table 5b-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
C. CARB Resource Outreach	Conduct outreach to the community to inform them of CARB’s mobile source regulations, best practices, and incentive programs (e.g., provide materials to independent owner operators and students to share with families)	<ul style="list-style-type: none"> • CARB • South Coast AQMD 	<ul style="list-style-type: none"> • Identify outreach opportunities • Number of outreach events or materials distributed 	4th quarter, 2022

CERP ACTIONS TO ADDRESS MOBILE SOURCES (CONTINUED)

Table 5b-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
D. Mobile Source Incentives	Explore opportunities for incentive funds for cleaner mobile source technologies (e.g., lower emitting trucks) within the community (e.g., schools, small businesses, independent truck owners and operators)	<ul style="list-style-type: none"> South Coast AQMD 	<ul style="list-style-type: none"> Number of identified funding sources for cleaner mobile source technologies Total incentive dollars allocated for cleaner mobile source technologies As needed, develop and submit AB 617 Project Plan(s) †† 	1st quarter, 2023

† † CARB, Community Air Protection (CAP) Incentives, <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-incentives>

CERP ACTIONS TO ADDRESS MOBILE SOURCES (CONTINUED)

Table 5b-1: Actions to Reduce Emissions from and Exposure to Mobile Sources

Goal	Action	Responsible Entity(ies)	Metric	Timeline
E. Construction Sites Enforcement	Focused enforcement at construction sites of concern, as identified by the CSC , to verify compliance with South Coast AQMD rules	South Coast AQMD CARB	Number of enforcement updates to the CSC	4th quarter, 2022

CHAPTER 5C:AUTO BODY SHOPS

SLA PRELIMINARY DRAFT CERP



CERP ACTIONS TO ADDRESS AUTO BODY SHOPS

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. Inform Community of Pertinent Rules	<ul style="list-style-type: none"> Conduct a workshop for the CSC describing applicable rules and regulations, permitting process, and enforcement efforts around auto body shops. Collaborate with partner agencies who also have jurisdiction over auto body shops (e.g., local land-use agencies, Bureau of Automotive Repair, Department of Toxics Substances Control (DTSC), Certified Unified Program Agencies (CUPA), local fire departments) to present information. 	South Coast AQMD	Conduct Auto Body Shops Workshop for the CSC	1 st quarter, 2023

CERP ACTIONS TO ADDRESS AUTO BODY SHOPS (CONTINUED)

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
B. Identify Facilities of Concern	<ul style="list-style-type: none"> Identify and prioritize locations of concern Conduct enforcement activity 	South Coast AQMD	<ul style="list-style-type: none"> Develop list of identified and prioritized locations of concern, in part using data reporting from CARB's CTR regulation Number of inspections 	2 nd quarter, 2022

CERP ACTIONS TO ADDRESS AUTO BODY SHOPS (CONTINUED)

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
C. Agency Referrals	<ul style="list-style-type: none"> Refer auto body shops to appropriate agencies when issues are found during inspections that fall outside of South Coast AQMD's jurisdiction (e.g., Bureau of Automotive Repair, California Division of Occupational Safety and Health (Cal/OSHA), CUPA, public health departments, DTSC, local fire departments) 	South Coast AQMD	Number of updates from appropriate agencies regarding referrals or follow-up information to the CSC	2 nd quarter, 2022

CERP ACTIONS TO ADDRESS AUTO BODY SHOPS (CONTINUED)

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
D. Outreach to Owners and Operators	<ul style="list-style-type: none"> Conduct targeted outreach to owners and operators in the SLA community, including providing information on best management practices, South Coast AQMD's Small Business Assistance Program, permitting process, and applicable rules and regulations 	<ul style="list-style-type: none"> South Coast AQMD CSC 	<ul style="list-style-type: none"> Number of outreach events or materials distributed to auto body shops Number of auto body shops outreached 	2023

CERP ACTIONS TO ADDRESS AUTO BODY SHOPS (CONTINUED)

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
E. Air Measurements Survey	<ul style="list-style-type: none"> Conduct initial air measurements surveys near facilities of concern (as identified under action B) to identify and characterize any potential emissions 	South Coast AQMD	<ul style="list-style-type: none"> Number of air measurements surveys Provide updates to the CSC 	2 nd quarter, 2022

CERP ACTIONS TO ADDRESS AUTO BODY SHOPS (CONTINUED)

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
F. Focused Facility Enforcement	<ul style="list-style-type: none"> Conduct door-to-door focused enforcement of potential auto body shops in a CSC-identified area to ensure facilities are properly classified and verify compliance with applicable rules and regulations 	South Coast AQMD	<ul style="list-style-type: none"> Identify area for targeted enforcement inspections Number of Inspections Provide updates to the CSC 	2023

CHAPTER 5D: GENERAL INDUSTRIAL FACILITIES

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CERP ACTIONS TO ADDRESS GENERAL INDUSTRIAL

Table 5d-1: Actions to Reduce Emissions from and Exposure to General Industrial

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. Identify Facilities of Concern	<ul style="list-style-type: none"> • Prioritize general industrial facilities of concern • Inform CSC of applicable South Coast AQMD rules for the prioritized facilities • Inform CSC of three (3) year compliance history of the identified facilities • Summarize available emissions and/or air pollution data collected at or near facilities 	South Coast AQMD	<ul style="list-style-type: none"> • Provide general industrial facility prioritization list • Provide applicable rules list for identified facilities • Provide compliance history for identified facilities • Provide emissions data, if applicable, for identified facilities 	2023



CERP ACTIONS TO ADDRESS GENERAL INDUSTRIAL (CONTINUED)

Table 5d-1: Actions to Reduce Emissions from and Exposure to General Industrial

Goal	Action	Responsible Entity(ies)	Metric	Timeline
B. Identify Strategies	Based on findings from Goal A, identify emissions and exposure reduction measures, if appropriate	South Coast AQMD	Number of emissions and exposure reduction measures	2023

CERP ACTIONS TO ADDRESS GENERAL INDUSTRIAL (CONTINUED)

Table 5d-1: Actions to Reduce Emissions from and Exposure to General Industrial

Goal	Action	Responsible Entity(ies)	Metric	Timeline
C. Dry Cleaners	<ul style="list-style-type: none"> Enforcement of existing South Coast AQMD and CARB regulations (e.g., South Coast AQMD Rule 1102, South Coast AQMD Rule 1421, CARB Airborne Toxic Control Measure for Emissions of Perchloroethylene (Perc) from Dry Cleaning Operations (Dry Cleaning ATCM)) Identify incentive opportunities to transition to community-identified green alternatives Community outreach to owners and operators regarding green alternative practices 	<ul style="list-style-type: none"> South Coast AQMD CSC 	<ul style="list-style-type: none"> Number of Rule 1102 and Rule 1421 inspections Provide list of incentive opportunities to support transition to green alternatives, if incentive opportunities are identified Number of outreach materials distributed to owners and operators 	2023

CERP ACTIONS TO ADDRESS GENERAL INDUSTRIAL (CONTINUED)

Table 5d-1: Actions to Reduce Emissions from and Exposure to General Industrial (continued)

Goal	Action	Responsible Entity(ies)	Metric	Timeline
D. Agency Referrals	Refer to appropriate agencies when issues are found during inspections that fall outside of South Coast AQMD's jurisdiction (e.g., Local land-use agencies, California Division of Occupational Safety and Health (Cal/OSHA), Certified Unified Program Agencies (CUPA), and public health departments)	South Coast AQMD	Number of updates from appropriate agencies regarding referrals or follow-up information to the CSC	2 nd quarter, 2022

CERP ACTIONS TO ADDRESS GENERAL INDUSTRIAL (CONTINUED)

Table 5d-I: Actions to Reduce Emissions from and Exposure to General Industrial (continued)

Goal	Action	Responsible Entity(ies)	Metric	Timeline
E. F.I.N.D. Tool and Filing Complaints	Conduct community outreach on F.I.N.D. tool including training on how to use the F.I.N.D. tool to search for information about South Coast AQMD-regulated facilities (e.g., facility details, equipment, permits, compliance history, etc.) and on filing air quality complaints by phone, web, or mobile application to the community	South Coast AQMD	<ul style="list-style-type: none"> • Conduct one F.I.N.D. outreach session to the community • Create training materials for F.I.N.D. to be published on the South Coast AQMD website 	4 th quarter, 2022

CHAPTER 5E: METAL PROCESSING FACILITIES

SLA PRELIMINARY DRAFT CERP



CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. CARB Regulations	<ul style="list-style-type: none"> Conduct a community workshop on the Criteria Pollutant and Toxics Emissions Reporting (CTR) process and share the data that has been collected from facilities in the community. Provide information regarding CARB Chrome Plating ATCM amendments. 	<ul style="list-style-type: none"> CARB South Coast AQMD 	<ul style="list-style-type: none"> Delivery of CTR Workshop Number of updates to the CSC on ATCM amendments 	2023

CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
B. Identify Metals Facilities	<ul style="list-style-type: none"> Identify all permitted metals facilities within the SLA community boundary Provide a list of South Coast AQMD rules applicable to the metal facilities identified Provide three (3) year compliance history of the facilities identified Summarize available emissions and air monitoring data collected at or near facilities 	South Coast AQMD	<ul style="list-style-type: none"> Provide list of permitted metals facilities Provide applicable rules list for identified facilities Provide compliance history for identified facilities Provide emissions and air monitoring data, if available, for identified facilities 	2023

CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES (CONTINUED)

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
C. Identify Strategies	<ul style="list-style-type: none"> Identify and prioritize air quality concerns related to sources of metal emissions Identify potential strategies and approaches to address the concerns at prioritized locations 	South Coast AQMD	<ul style="list-style-type: none"> Provide list of prioritized concerns related to sources of metal emissions Provide strategies list, if applicable 	2023

CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES (CONTINUED)

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
D. Air Measurement Survey	Conduct initial air measurement surveys near facilities of concern to identify and characterize any potential emissions.	South Coast AQMD	<ul style="list-style-type: none"> Conduct air measurements survey Provide updates to the CSC 	2 nd quarter, 2022
E. Emissions Data	Provide informational handout or presentation and an overview on criteria pollutants and toxics that may be found in the community (e.g., hexavalent chromium, lead, zinc , nitrogen oxides).	South Coast AQMD	Number of handouts distributed and/or delivery of presentation	2023

CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES (CONTINUED)

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
F. Outreach to Owners and Operators	Conduct targeted outreach to metals facility owners and operators in the community, including providing information on best practices, South Coast AQMD's Small Business Assistance Program, permitting process, and applicable rules and regulations – with a focus on new rule requirements from CARB and South Coast AQMD.	South Coast AQMD CARB	Number of outreach events or materials distributed to metals facilities	2023



CERP ACTIONS TO ADDRESS METAL PROCESSING FACILITIES (CONTINUED)

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
G. Metal Recycling Facilities	Initiate rule development process to address housekeeping and best management practices at metal recycling facilities	South Coast AQMD	Number of updates to the CSC on rule development efforts	2023

CHAPTER 5F: OIL AND GAS INDUSTRY

SLA PRELIMINARY DRAFT CERP



CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. Air Measurement Surveys	<ul style="list-style-type: none"> Prioritize locations for community air monitoring Conduct air measurement surveys around oil drilling sites to identify and characterize any potential emissions 	South Coast AQMD	<ul style="list-style-type: none"> Provide list of prioritized locations for monitoring Number of air measurement surveys 	2 nd quarter, 2022
B. Monitoring	Collaborate with appropriate agencies and the CSC to determine if additional air monitoring is needed during specific well activities or under certain conditions	South Coast AQMD	<ul style="list-style-type: none"> Number of meetings with appropriate agencies Conduct air measurements during specific well activities, if necessary 	2 nd quarter, 2022

CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
C. Agency Referrals	Refer oil and gas facilities to appropriate agencies when issues are found during inspections that fall outside of South Coast AQMD's jurisdiction (e.g., local land-use agencies, CalGEM, and public health departments)	South Coast AQMD	Number of updates from appropriate agencies regarding referrals or follow-up information to the CSC	2 nd quarter, 2022
D. Enforcement Updates	Provide periodic summaries of findings from enforcement activities, such as whether odors or emissions were confirmed or verified with complainants and at a specific site or source and any enforcement action taken	South Coast AQMD	Number of enforcement updates to the CSC	3 rd quarter, 2022

CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
E. Rule Amendment Feasibility	<p>Explore expanding Rule 1148.1 and 1148.2 to include</p> <ul style="list-style-type: none"> • Acid work at injection wells • Notification of workover rig operations • Notification of odorants and chemicals used onsite • Notification of modifications to any previously noticed work 	South Coast AQMD	<ul style="list-style-type: none"> • Number of Rule Working Group meetings held, if necessary • Update to CSC on rule development efforts 	2 nd quarter, 2022
F. Support Citizen Scientists	Identify opportunities to support citizen scientists to conduct community air monitoring	South Coast AQMD	Number of activities with the citizen scientists to collaborate	2 nd quarter, 2023

CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
G. F.I.N.D. Tool and Filing Complaints	Conduct community outreach on F.I.N.D. tool including training on how to use the F.I.N.D. tool to search for information about South Coast AQMD-regulated oil and gas facilities (e.g., facility details, equipment, permits, compliance history, etc.) and on filing air quality complaints by phone, web, or mobile application to the community	South Coast AQMD	<ul style="list-style-type: none"> Conduct one F.I.N.D. outreach session for the community Create training materials for FIND to be published on the South Coast AQMD website 	4 th quarter, 2022

CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
H. CARB Regulations	CARB to collaborate with South Coast AQMD to conduct inspections of all CSC-identified oil and gas facilities of concern for CARB and South Coast AQMD rules (including Portable Equipment Registration Program (PERP), mobile source regulations, and Oil and Gas Regulation)	CARB South Coast AQMD	<ul style="list-style-type: none"> Number of facilities inspected Number of updates regarding findings 	3 rd quarter, 2022

CERP ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

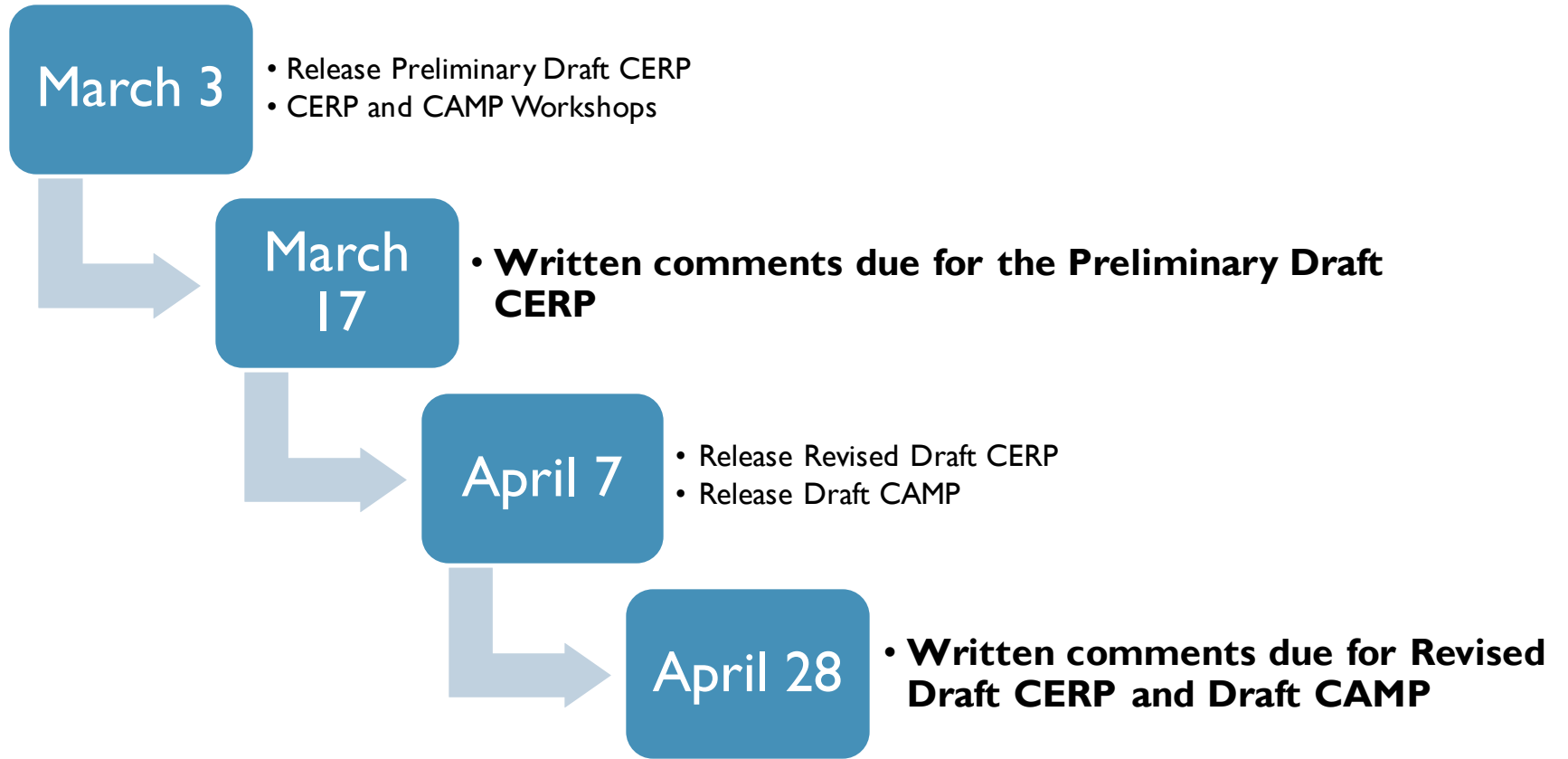
Goal	Action	Responsible Entity(ies)	Metric	Timeline
I. Other Governmental Agency Projects	Identify opportunities for other agencies to provide information regarding their authority and projects (e.g., future regulations or ordinances) related to the oil and gas industry	South Coast AQMD	Number of presentations from other agencies to the CSC	3 rd quarter, 2022

COMMENT PROCESS



Paul Rodriguez
Assistant Air Quality Specialist


PUBLIC COMMENT PERIOD TIMELINE



Written comments may be submitted to prodriguez@aqmd.gov or via the Online CERP Comment Form by 5:00 PM on the closing dates (March 17 and April 28)

ONLINE CERP COMMENT FORM

Access the online comment form via [this link](#)



South Coast
Air Quality
Management District

Community Emission Reduction Plan (CERP) Comment Form

Language Preference
 English Español

AB617 Community
South Los Angeles

Enter your contact information, comments and/or upload comment files below. Please note that information provided by you on this form (including contact or other personal information) is a public record and may be released in response to a California Public Records Act request.
***Fields Required to Submit a Comment**

Commentor Contact Information

Commenter's Name* NAME	Affiliation* Active Resident Agency, School, University or Hospital Business Representative Community Organization Elected Official's Office Public Commenter Tribal Organization
Email Address* EMAIL@EMAIL.COM	

Comments (Unlimited Size)*
COMMENT

Upload Additional Comment and Supporting Files (30 Mb Maximum per file)

CERP Comment Files

Attach CERP Comments

Note: Supported upload files include all versions of Microsoft Office, jpeg, tiff, PDF, mp3, mp4, and text files.
For More Information Contact: ab617@aqmd.gov

Print

Submit

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CERP Discussion

Paula Torrado Plazas
Physicians for Social Responsibility-Los Angeles
(PSR-LA)

ITEM 3: CAMP Workshop



Dr. Angela Haar
Principal AQ Chemist

Monitoring Working Team Update

RECAP FEB. 16, 2022



- Reviewed CAMP contents and CERP monitoring actions
- Technical discussion on mobile measurements near oil wells
- Began discussion on oil well locations

MOBILE MONITORING EQUIPMENT: OPTICAL REMOTE SENSING (ORS) LABORATORY

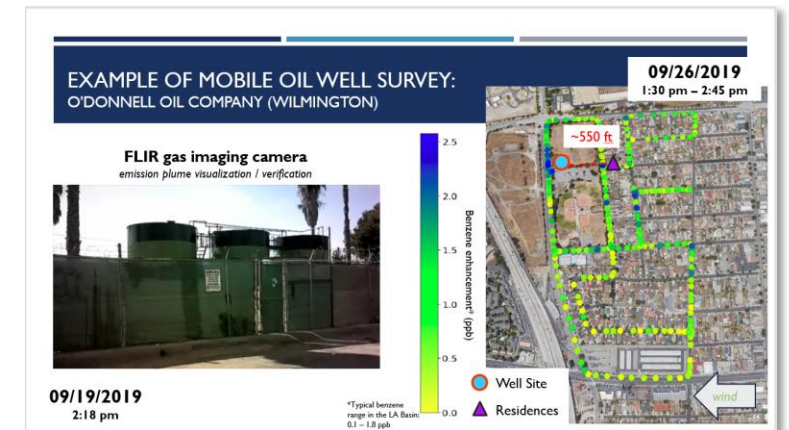


Air pollutants measured

- Total Alkanes, Methane, Benzene, Toluene, Ethylbenzene, Xylenes, Styrene, other

Instrumentation

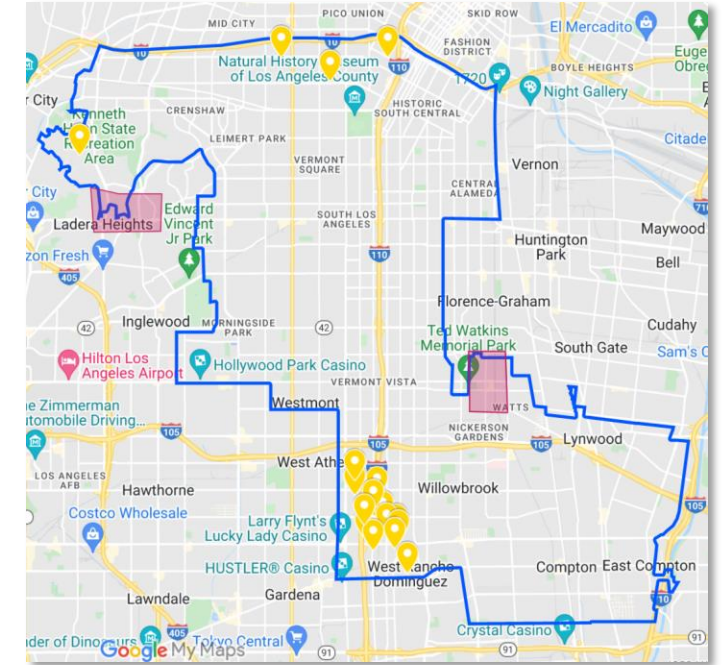
- Differential Optical Absorption Spectroscopy (DOAS)
- Fourier-Transform InfraRed (FTIR) Spectroscopy
- Solar Occultation Flux (SOF)
- Zenith-looking DOAS



RECAP FEB. 23, 2022



- **Continued discussion of oil well locations and prioritization for measurement surveys**
- **Began discussion on air quality sensors**
 - **Sensor technologies/resources**
 - **Past deployments**
 - **Community engagement**



AIR QUALITY SENSORS

Purpose: Enhance spatial coverage of measurements, understand how pollutant levels vary within a community

- Lower-cost air monitors that readily available and easy to use
- Many different sensors available
- Can be effective community education and engagement tools that support citizen science
- More info at South Coast AQMD Air Quality Sensor Performance Evaluation Center (AQ-SPEC): <http://www.aqmd.gov/aq-spec>



MOBILE MONITORING EQUIPMENT: OPTICAL REMOTE SENSING (ORS) LABORATORY



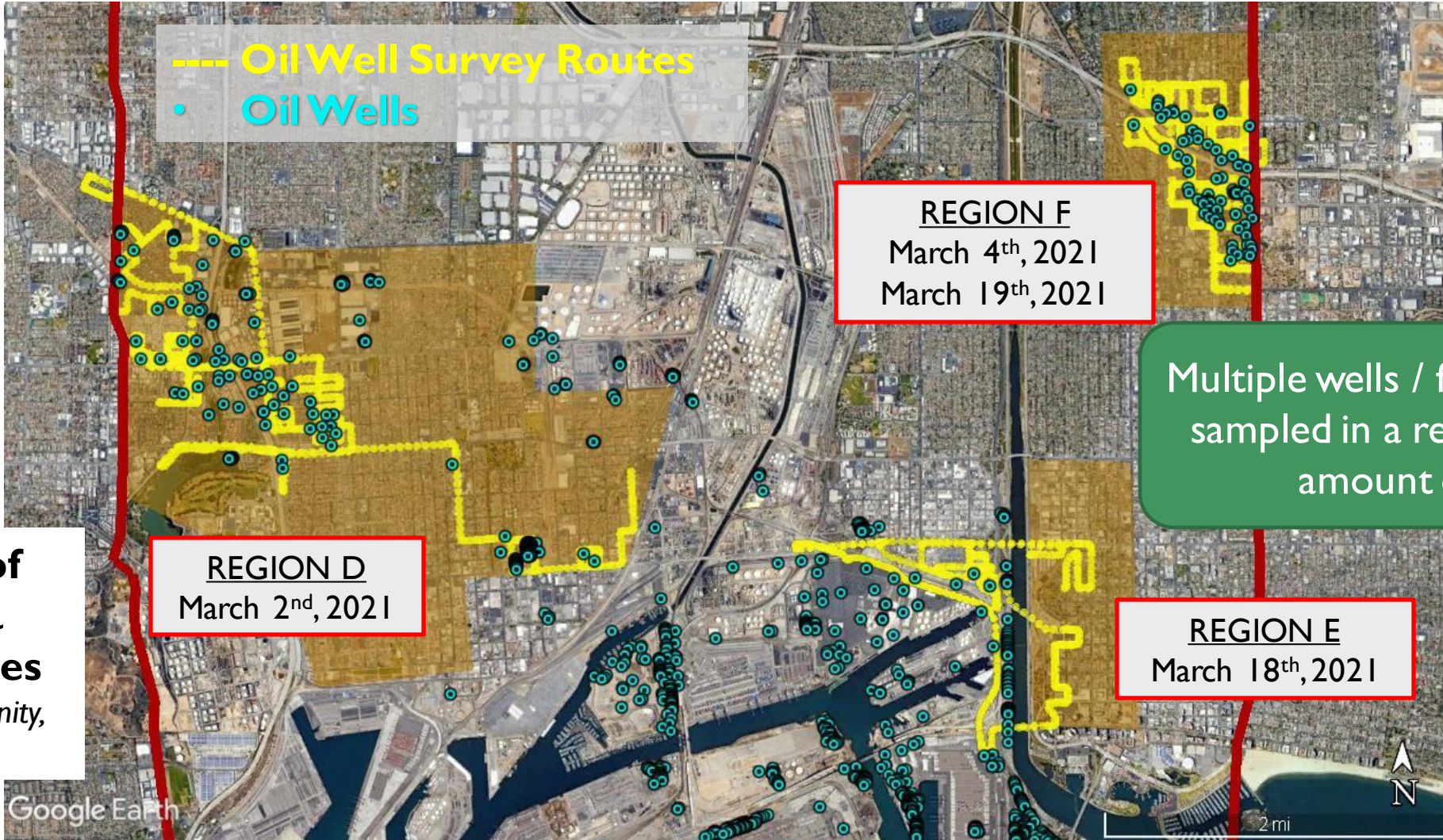
Air pollutants measured

- Total Alkanes, Methane, Benzene, Toluene, Ethylbenzene, Xylenes, Styrene, other

Instrumentation

- Differential Optical Absorption Spectroscopy (DOAS)
- Fourier-Transform InfraRed (FTIR) Spectroscopy
- Solar Occultation Flux (SOF)
- Zenith-looking DOAS

EXAMPLE OF MOBILE ORS MEASUREMENTS NEAR OIL WELLS: EXPLORATORY AREA SURVEYS



**Example of
ORS area
survey routes**
WCWLB Community,
March 2021

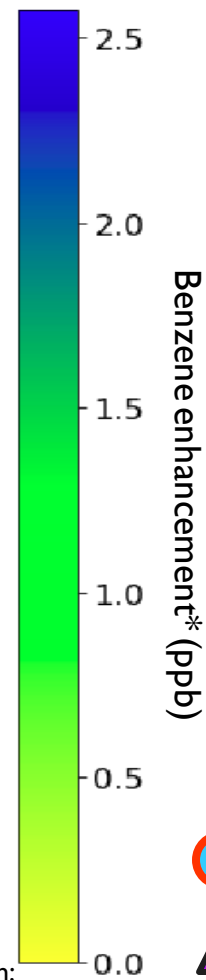
EXAMPLE OF MOBILE OIL WELL SURVEY: O'DONNELL OIL COMPANY (WILMINGTON)

FLIR gas imaging camera
emission plume visualization / verification

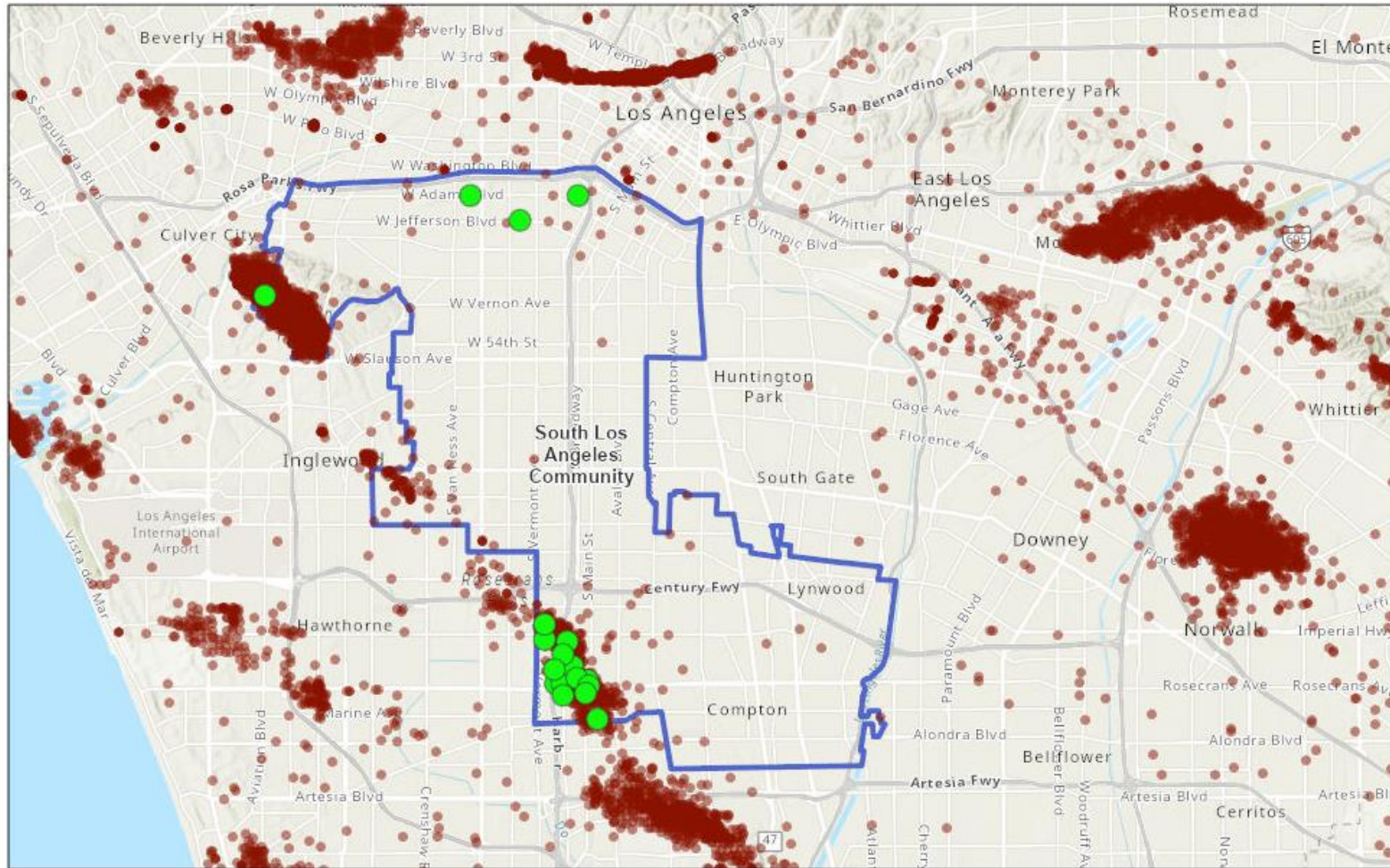


09/19/2019
2:18 pm

09/26/2019
1:30 pm – 2:45 pm

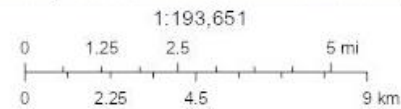


*Typical benzene range in the LA Basin: 0.1 – 1.8 ppb



3/2/2022

- Wells w/SCAQMD Permits
- SLA Community Boundary
- All Oil Wells (CalGEM)



Esri, NASA, NGA, USGS, County of Los Angeles, California State Parks.

LOCATIONS OF OIL WELLS IN SOUTH LA

AIR QUALITY SENSORS

Purpose: Enhance spatial coverage of measurements, understand how pollutant levels vary within a community

- Lower-cost air monitors that readily available and easy to use
- Many different sensors available
- Can be effective community education and engagement tools that support citizen science
- More info at South Coast AQMD Air Quality Sensor Performance Evaluation Center (AQ-SPEC):
<http://www.aqmd.gov/aq-spec>



CAMP Actions Review

Community Air Monitoring Plan (CAMP)

CAMP will be developed based on the air monitoring actions identified in the CERP

Main Sections

CAMP and Monitoring Objectives

Existing and Ongoing Monitoring Programs in South Los Angeles

Air Monitoring Equipment and Methods

General Community Air Monitoring Approach

Specific Air Monitoring Approach for Each Air Quality Priority

Data Reporting

MONITORING ACTIONS TO ADDRESS OIL AND GAS INDUSTRY

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
A. Air Measurement Surveys	<ul style="list-style-type: none"> Prioritize locations for community air monitoring Conduct air measurement surveys around oil drilling sites to identify and characterize any potential emissions 	South Coast AQMD	<ul style="list-style-type: none"> Provide list of prioritized locations for monitoring Number of air measurement surveys 	2 nd quarter, 2022
B. Monitoring	Collaborate with appropriate agencies and the CSC to determine if additional air monitoring is needed during specific well activities or under certain conditions	South Coast AQMD	<ul style="list-style-type: none"> Number of meetings with appropriate agencies Conduct air measurements during specific well activities, if necessary 	2 nd quarter, 2022

MONITORING ACTIONS TO ADDRESS OIL AND GAS INDUSTRY (CONTINUED)

Table 5f-1: Actions to Reduce Emissions from and Exposure to Oil and Gas Industry

Goal	Action	Responsible Entity(ies)	Metric	Timeline
F. Support Citizen Scientists	Identify opportunities to support citizen scientists to conduct community air monitoring	South Coast AQMD	Number of activities with the citizen scientists to collaborate	2 nd quarter, 2023

MONITORING ACTIONS TO ADDRESS METAL PROCESSING FACILITIES

Table 5e-1: Actions to Reduce Emissions from and Exposure to Metal Processing Facilities

Goal	Action	Responsible Entity(ies)	Metric	Timeline
D. Air Measurement Survey	Conduct initial air measurement surveys near facilities of concern to identify and characterize any potential emissions.	South Coast AQMD	<ul style="list-style-type: none"> Conduct air measurements survey Provide updates to the CSC 	2 nd quarter, 2022

MONITORING ACTIONS TO ADDRESS AUTO BODY SHOPS

Table 5c-1: Actions to Reduce Emissions from and Exposure to Auto Body Shops

Goal	Action	Responsible Entity(ies)	Metric	Timeline
E. Air Measurements Survey	<ul style="list-style-type: none"> Conduct initial air measurements surveys near facilities of concern (as identified under action B) to identify and characterize any potential emissions 	South Coast AQMD	<ul style="list-style-type: none"> Number of air measurements surveys Provide updates to the CSC 	2 nd quarter, 2022

Air Monitoring Action Discussion



SOUTH COAST AQMD CONTACTS: CAMP



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ITEM 4: Defining Next Steps



**Ricardo Rivera,
Public Affairs Manager**



NEXT STEPS

- Please submit initial comments on the Preliminary Draft CERP by 5:00 PM, Thursday, March 17, 2022 to prodriguez@aqmd.gov or via the [Online CERP Comment Form](#)
 - Staff will still accept comments after this point, but cannot guarantee comments will be addressed by April revised draft
- Next SLA CSC meeting will be April 7, 2022
 - CERP and CAMP workshop
 - Discuss Draft CAMP
 - Provide overview of Revised Draft CERP

SOUTH COAST AQMD CONTACTS: CSC



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<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/south-la>

ITEM 5: Public Comments

