

South Sacramento/Florin Community Air Protection Steering Committee Meeting #21

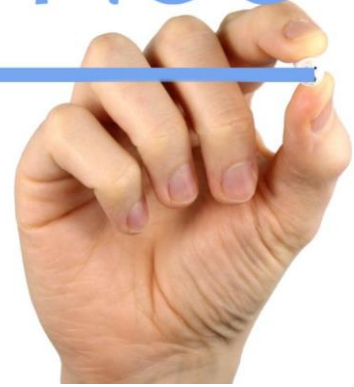
Tuesday, August 25, 2020

AGENDA

Tuesday, August 25, 2020

6:00 – 6:10pm	Welcome/Introductions
6:10 – 6:15pm	Administrative Items
6:15 – 6:30pm	Updates
6:30 – 6:50pm	Technical Advisory Group (TAG) Design Meeting
6:50 – 7:20pm	Charter Amendments Discussion
7:20 – 7:40pm	Pre-Community Emissions Reduction Plan (CERP) Discussion – Year 3
7:40 – 7:50pm	New Business
7:50 – 8:00pm	Public Comments
8:00pm	Adjourn

LOGISTICS



- Staff is available if you have technology trouble; call 1-916-874-4847
- You can message the host or co-host if you are having technical difficulties.
- During the Steering Committee discussion period or during Public Comment period, each person who wants to speak will need to raise your virtual hand:
 - On Zoom web application – Please press “Raise your virtual hand button”
 - On the phone – Dial *9 to “Raise your virtual hand button.”
 - Please state your name and affiliation.
- When you are called – Please unmute yourself on the app or the phone (press *6)
- Email public comments to David Yang at dyang@airquaility.org



raise hand

Administrative Items



- 1) Approve previous meeting notes

District Updates

- Air Monitoring Phase 2 Update
- Monitoring Data from Recent Wildfires
- Stipends
- Report back – Flares and Power Plant



Search

Fire Locations

Butte/Tehama/
Glenn
Lightning
Complex Fires



LNU
Lightning
Complex
Fires



Woodward
Fire



SCU
Lightning
Complex
Fires



Sacramento
AB617 Area



Active Fires
[Hide](#) | [More info](#)




COVID-19
[Show](#) | [More info](#)



US EPA
PM2.5 AQI
[Hide](#) | [More info](#)

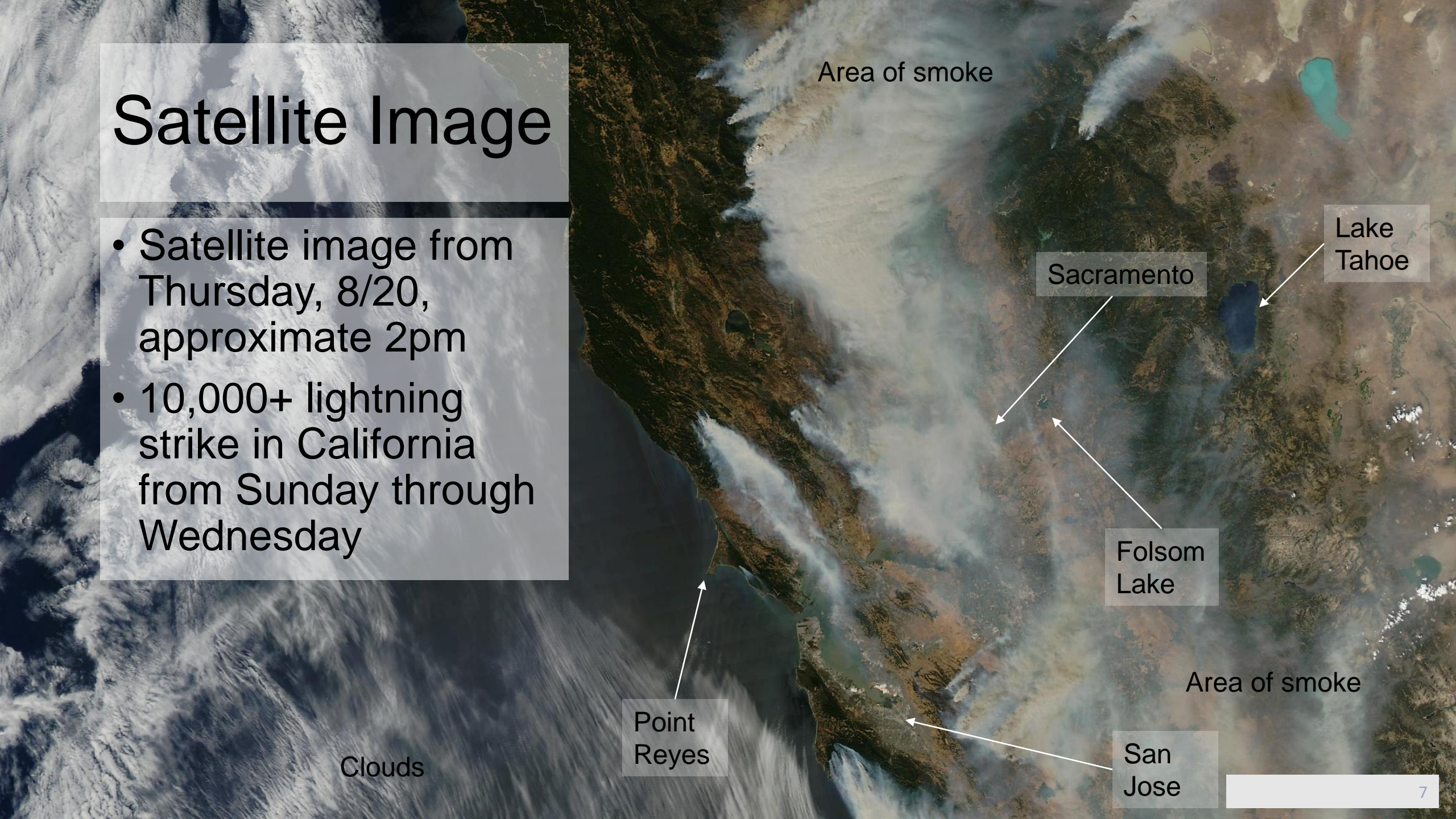


Notes

- (1)  indicates the active fire as of Friday, 8/21, 7 pm; see CalFire for official information
- (2) Concentration dots are accurate as of Friday, 8/21, 7 pm

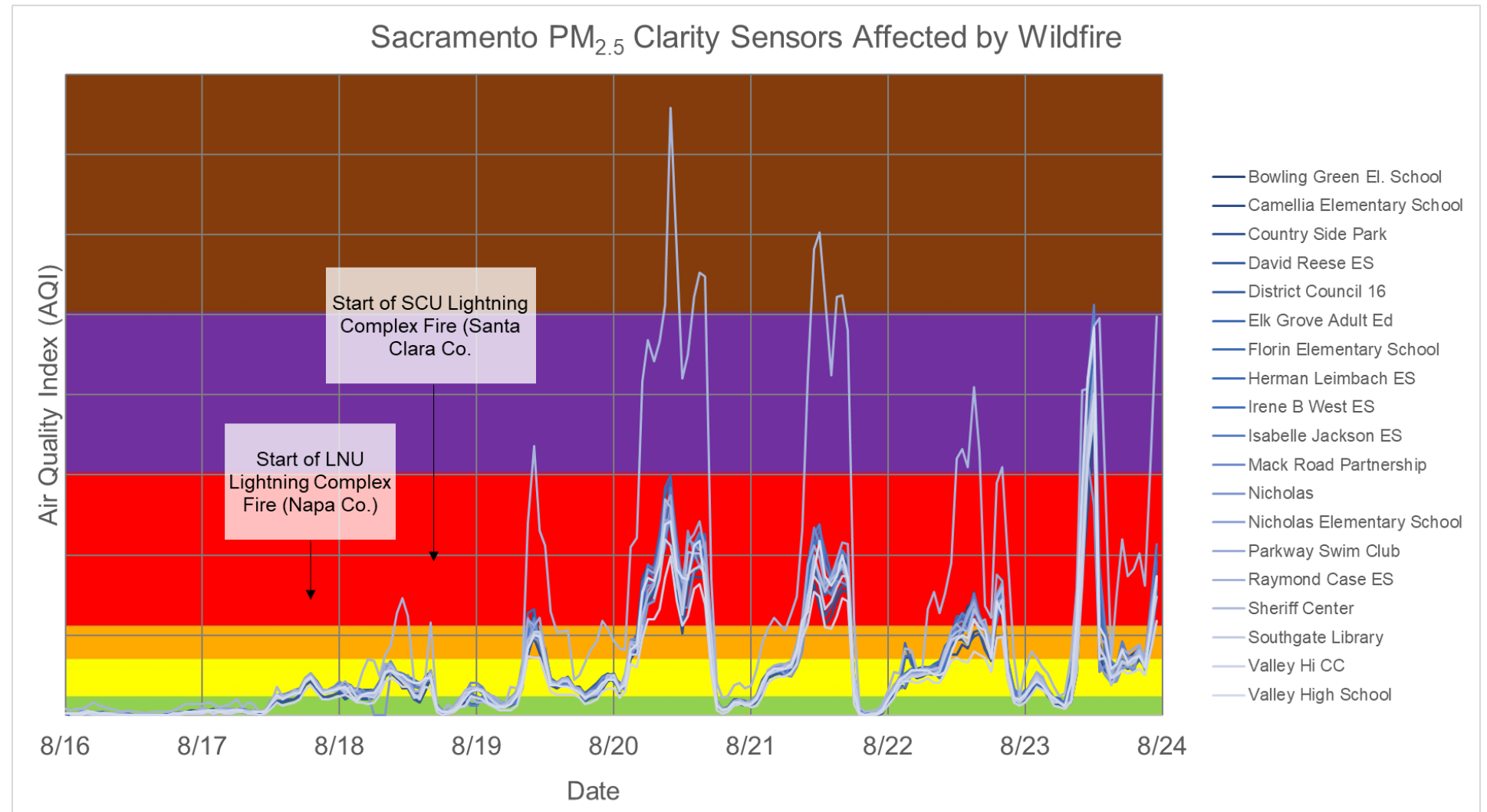
Satellite Image

- Satellite image from Thursday, 8/20, approximate 2pm
- 10,000+ lightning strike in California from Sunday through Wednesday



Monitoring Data Impacted by Wildfires

Air Quality Index - Particulate Matter	
301 – 500	Hazardous
201 – 300	Very Unhealthy
151 – 200	Unhealthy
101 – 150	Unhealthy for Sensitive Groups
51 – 100	Moderate
0 – 50	Good



Report Back

- Regional Sanitation District Flares
- SPA Power Plant

**What is the large fire
southwest of Cosumnes Blvd
and Franklin Avenue?**



Sign in

Morrison Creek

Beacon Creek

Cosumnes River Blvd

Cosumnes River Blvd

Laguna Station Rd

Digesters Way

Digesters Way

Digesters Way

Digesters Way

Solids Way

Solids Way

Laguna Station Rd

Methane Rd

REGIONAL SANITATION DISTRICT ----- FLARE LOCATIONS

Laguna Creek

Sacramento Regional Wastewater...

Google

Regional Sanitation District

- Inspection team performed surveillance of area of concern
- No sources of flame except for flares used at Regional Sanitation District
- Digester gas used primarily for power generation, flares are a backup system
- Used to control excess gas from going directly to atmosphere
- Safety mechanism so tanks do not rupture
- Operate several times per month, 21 total days in last 4 months
- **Operating in compliance with permit conditions**

Waste gas burners

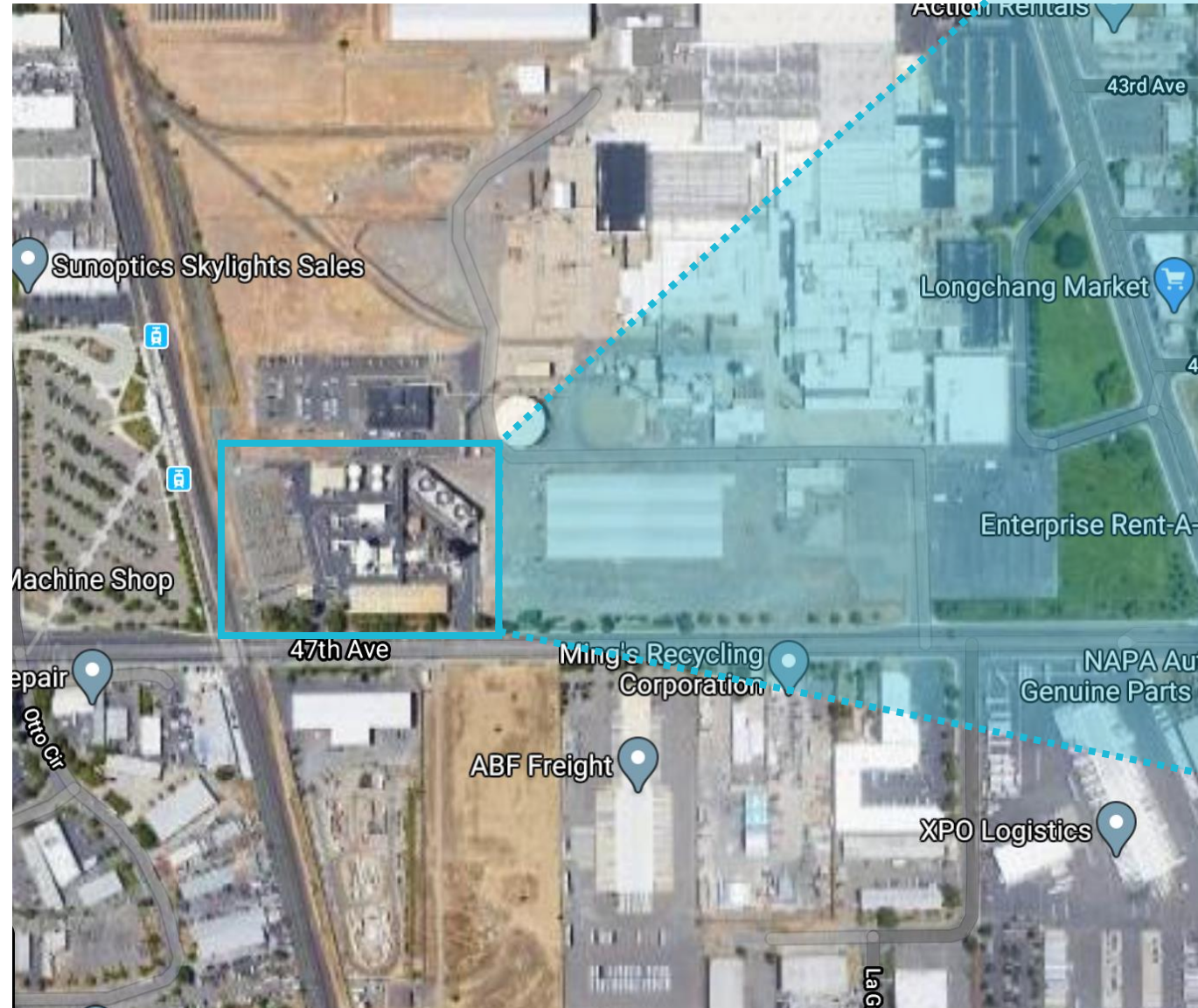


Ground flares



Concerns about power plants and SPA Cogen on 47th Avenue

Sacramento Power Authority (SPA Cogen)



SMUD Power Plant (SPA Cogen)

Black Smoke →

- Performed surveillance of area
- Other potential sources of black smoke
 - trucks, diesel engines
- Onsite inspection of nearby diesel engines – no visible emissions observed
- SPA must meet visible emission levels
- **Operating in compliance with permit conditions**



See smoke, call in a complaint to the Air District

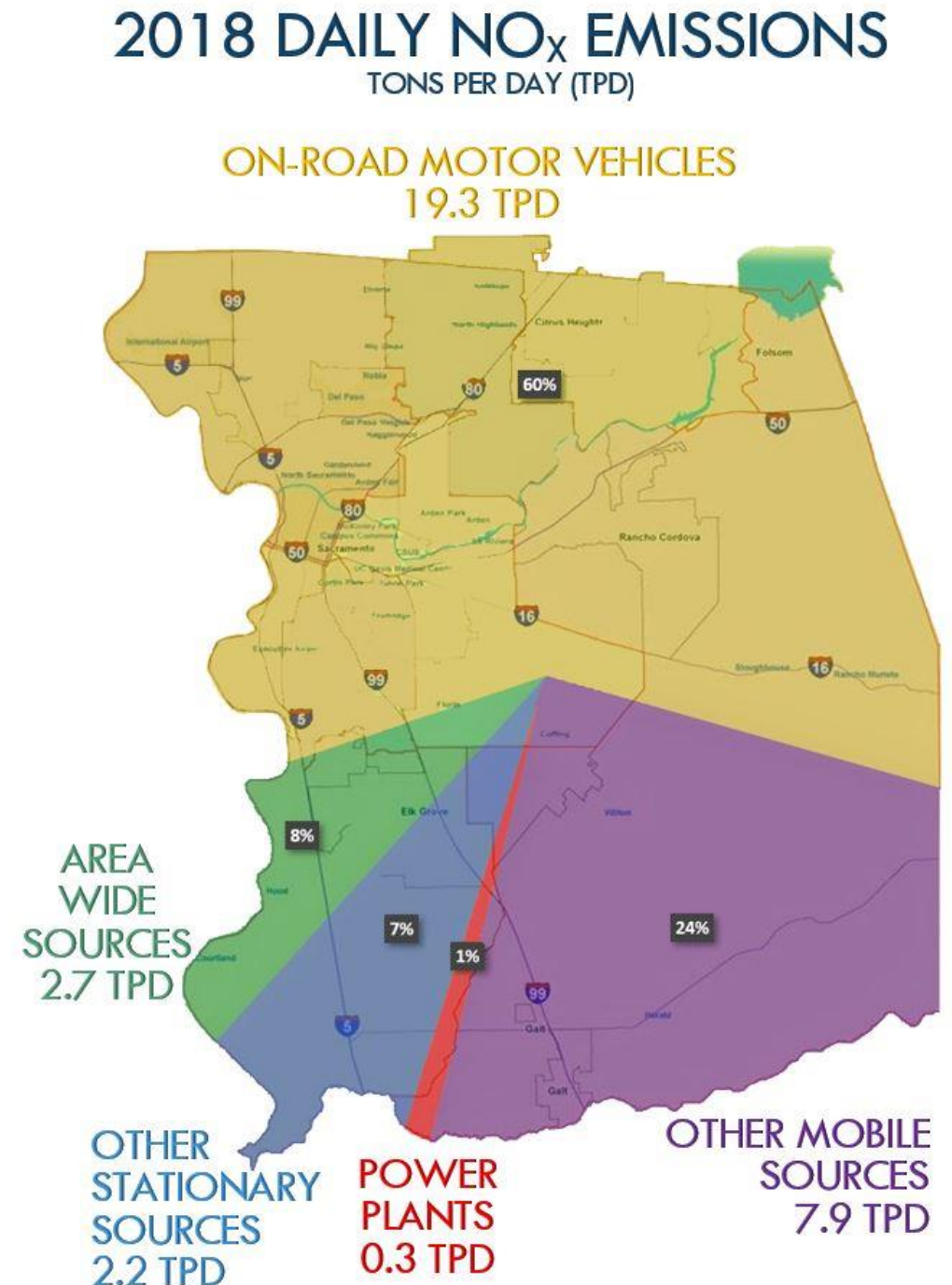
Power Plant Emissions

REGIONAL AIR POLLUTION

- Power plants contribute to ozone pollution
- Emit **<15% of NO_x** of ***all permitted sources***
- Emit **1% of NO_x** of ***all sources*** (vehicles and permitted sources)

TOXIC AIR POLLUTION

- Ammonia, benzene, toluene, acetaldehyde, ethyl benzene, formaldehyde and others
- Health risk analysis shows power plants meet accepted risk thresholds
- Power plants emit less toxic air pollution compared to vehicles
- Tall stacks help disperse air pollution to reduce local exposure



"MEET THE NEIGHBORS"

Want more information on Power Plants?

Consider a future workshop or other venue to dive more into power plants, air pollution and their operations.

AFTER TODAY'S MEETING ...

Stick around to see how to enter an air quality complaint online.

Report air quality concerns ...



ONLINE

www.airquality/residents/complaints

CALL

(916) 874-4800

(800) 880-9025



Technical Advisory Group (TAG) Design Team Meeting (Lead: Vincent Valdez)

20 minutes

TAG Design Team Meeting Report Back

1. Met via zoom and had over 18 people online the topics we covered were from the agenda centering on overlapping areas of expertise and clarifying what experts have volunteered to participate on the TAG.
2. A list of candidates and their areas of expertise to review and vote on adoption of the candidate list provided.
3. Discussed envisioning interaction with the Steering Committee and the TAG. We agreed that the TAG would be answering to the SC and that the questions or concerns would be brought to the TAG and discussed on at a separate meeting from the regular SC. The TAG would only provide guidance to the SC and that the SC would make decisions based on the feedback from the TAG.
4. Looked at potential dates for the first TAG meeting, proposed Sept 9th the second Wednesday of the month.
5. Still looking for candidates to fill some of the areas of expertise and are looking for help from the SC or the community to fill some of the open areas.

Recommendation: Role of a Technical Advisory Group

- A Technical Advisory Group (TAG) is a collection of individuals who bring unique knowledge and skills which add to the knowledge and skills of the AB617 South Sacramento-Florin Steering Committee (SC) in order to more effectively guide the plans and implementation of the approved AB 617 related programs of the SC.
- The TAG does not have formal authority to govern the SC, that is, the TAG cannot issue directives which must be followed. Rather, the TAG serves to make recommendations and/or provide key information and materials to the members of the SC.
- The TAG plays an important public relations role as well as providing program staff with a fresh perspective on programmatic issues.
- A properly composed and structured TAG can be a tremendous complement to the effectiveness of the SC as it works to carry out the AB 617 plans, programs, other related public outreach and education.

TAG Candidates Areas of Expertise

TAG experts	Affiliation	Bio/Resume	Air Monitoring/ Chemical Analysis/ Air Emissions Source	Public Health	Data Simulation/Statistician/Economist	Land Use/ Urban Planner/ Transportation Planner	Environmental Justice/ Social Justice Advocate	School District	Local Orgs/Youth	Businesses Rep (Coating Industry/ Automotive Repair/Commercial Truckers)	Communication/C ommunity Outreach
Earl Withycombe	California Air Resources Board (CARB) Air Pollution Engineer; Environmental Council of Sacramento (ECOS)	X	X								
Juan Carlos "JC" Garcia Sanchez	Environmental Justice Policy Analyst at the Policy Institute at UC Davis Institute of Transportation Studies	X				X					
Joel Craig	Environmental Consultant; Ambient Air and Meteorological Monitoring	X	X								
Julia Gowin	Regional Urban Forester, California Department of Forestry and Fire Protection	X				X					
Katie Valenzuela	California Environmental Justice Alliance (CEJA); Elected Sacramento City Council;	X					X				
Jesus Hernandez, Ph.D.	Urban Sociologist, Work highlights importance of equitable urban and environmental Planning	X				X	X				
Jonathan Bobadilla	Energy Specialist with the California Energy Commission. Bachelor's in Economics	X		X		X					
Dr. Taiwo (Tentative)				X			X				
Joelle Toney	Red Black and Green Environmental Justice Coalition						X				
	Elk Grove Unified School District							X	X		
	Sac City Unified School District							X	X		
	Sac Tree Foundation					X					X

What is the procedure for SC interaction with the TAG?

- **Leadership:** SC member forward the question to the TAG lead and to the Steering Committee Chair
- **How are questions or topics discussed?**
 - Option A: Regularly scheduled TAG meeting date and time with experts. Information is brought back from the TAG to the SC meeting.
 - Option B: TAG lead/liaison can forward questions to TAG experts for a written responses



Charter Amendments Discussion

(Lead: Stephanie Williams)
(30 minutes)

Reviewing the Charter – Highlights

This has been a major review

- Reviewed existing AB 617 Community Committee Charters
- Chose to pull the best of what we could find from these documents

We supplemented our review with:

1. **Article II. Purpose/Objectives** has been expanded and includes a budget review annually and quarterly updates.
2. **Article III. Committee Membership** gets into more detail of the committee membership.
 - New recommending a voting member by the District Co-Chair (or advisory only as aligned with number 7 on attachment A).
3. **Article III, Section 3.1:** Determining the number of members between 11 to 15 (the goal is a full roster of 15)
4. **Article III, Section 3.3:** Moving to a Community Co-Lead Team (replacing Chair and Vice-Chair)
 - Recommend possible "Co-Chairpersons" with District Designee and Co-Leads. We kind of do this currently, and it can be formalized into the collaborative

Reviewing the Charter – Highlights

We supplemented our review with:

- 5. Article III, Section 3.5 (New Process):** District will vet applications and make recommendations to the Co-Chairs. If consensus is found, finalist recommendations are sent to the Committee for a vote of approval and formal invitation for onboarding is authorized. ** Process if no consensus is found between Co-Chairpersons the process gets kicked to the Board.
- 6. Article III, Section 3.6 (New):** This section deals with terms with more specifics. The other is to create a staggered renewal of the membership of the Committee.
- 7. Article V, Section 5.8 and 5.10 (New):** Voting & Disqualification from voting
- 8. Article V, Section 5.18 (New):** Stipends
 - New policy developments suggested by CARB's minimum standards
 - Attendance, (Stipends tied to the attendance of regularly scheduled CSC meetings)
- 9. Article VII. Code of Conduct:** Updated

Reviewing the Charter – Highlights

We supplemented our review with:

10.Attachment A (New): AB 617 Steering Committee Selection Process

- Incorporates composition outline Section 3.3
- Outlines advertising and outreach mechanisms for advertising vacancies

11.Attachment B Revised Participation agreement (used by both the alternates & Primary committee members.

- Elimination of vague language of in or near the general area.
- Members and Alternates need to have tied interests that meet qualification standards.

12.Attachment C (New) Conflict of Interest Form

13.Attachment D (New) Decision-Making Process to build consensus

1 on 1 Charter Questions and Answers Session

Wednesday, September 2, 2020

6:00 – 7:30 PM

Contact Patricia Shelby at:
patshelby.ab617@gmail.com

Pre-Community Emissions Reduction Plan (CERP) Discussion – Year 3

(20 minutes)

AB 617 Budget Estimates From July 2020 to June 2021

Tasks	Budget Expenses
Air Monitoring	
Monitoring Trailer and Equipment	\$260,000
Laboratory Analysis	\$270,000
Field monitoring	\$166,000
CAMP Reporting and Data Analysis¹	
Staff time	\$83,000
Emission Inventory and Rule Development²	
Staff Time	\$125,000
Steering Committee Meetings	
Staff Time	\$116,000
Facilitator	
Contract with Sac State	\$66,000
Stipends (Calendar Year 2020)	
Steering Committee Members	\$12,000
Admin/Indirect Costs ³	
	\$277,000
Total:	\$1,375,000
Funds Remaining after Year 2 implementation	-(\$15,000)

¹CAMP commitments, including preparing annual reports, conducting monitoring data analysis, and conducting community outreach

²Implement the AB 617 Criteria and Toxic Reporting Program and develop rules to meet the AB 617 Best Available Retrofit Control Technology (BARCT) implementation schedule

³Include overhead expenditures allocated to all programs by FTE such as utilities, IT equipment, supplies and indirect administrative expenditures

Previous FY19-20 carryover: \$110,000

FY20-21:\$1,250,000

CARB's Community Emission Reduction Plan (CERP) community

**APPENDIX C.
CRITERIA FOR COMMUNITY EMISSIONS
REDUCTION PROGRAMS**

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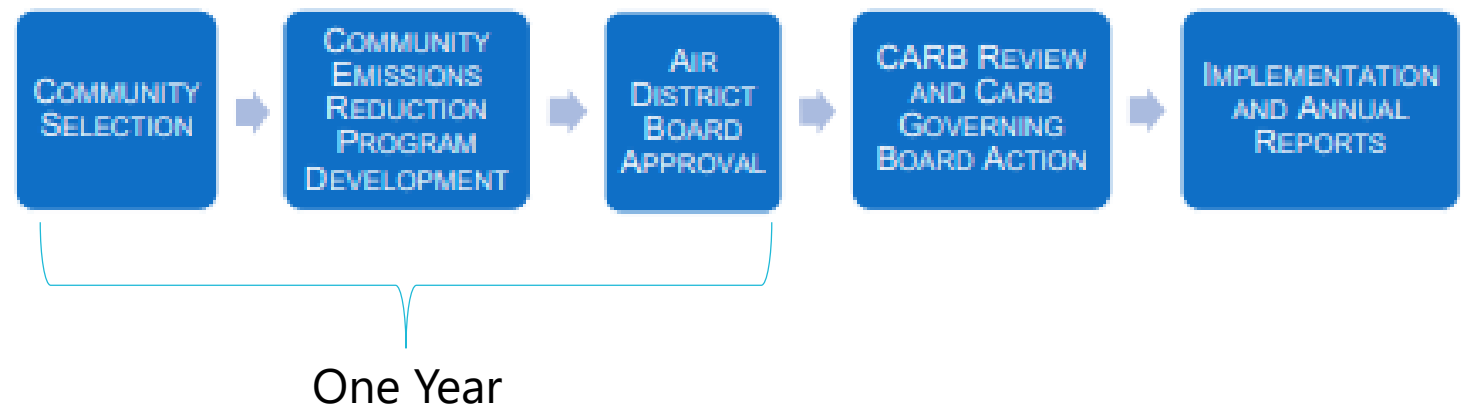
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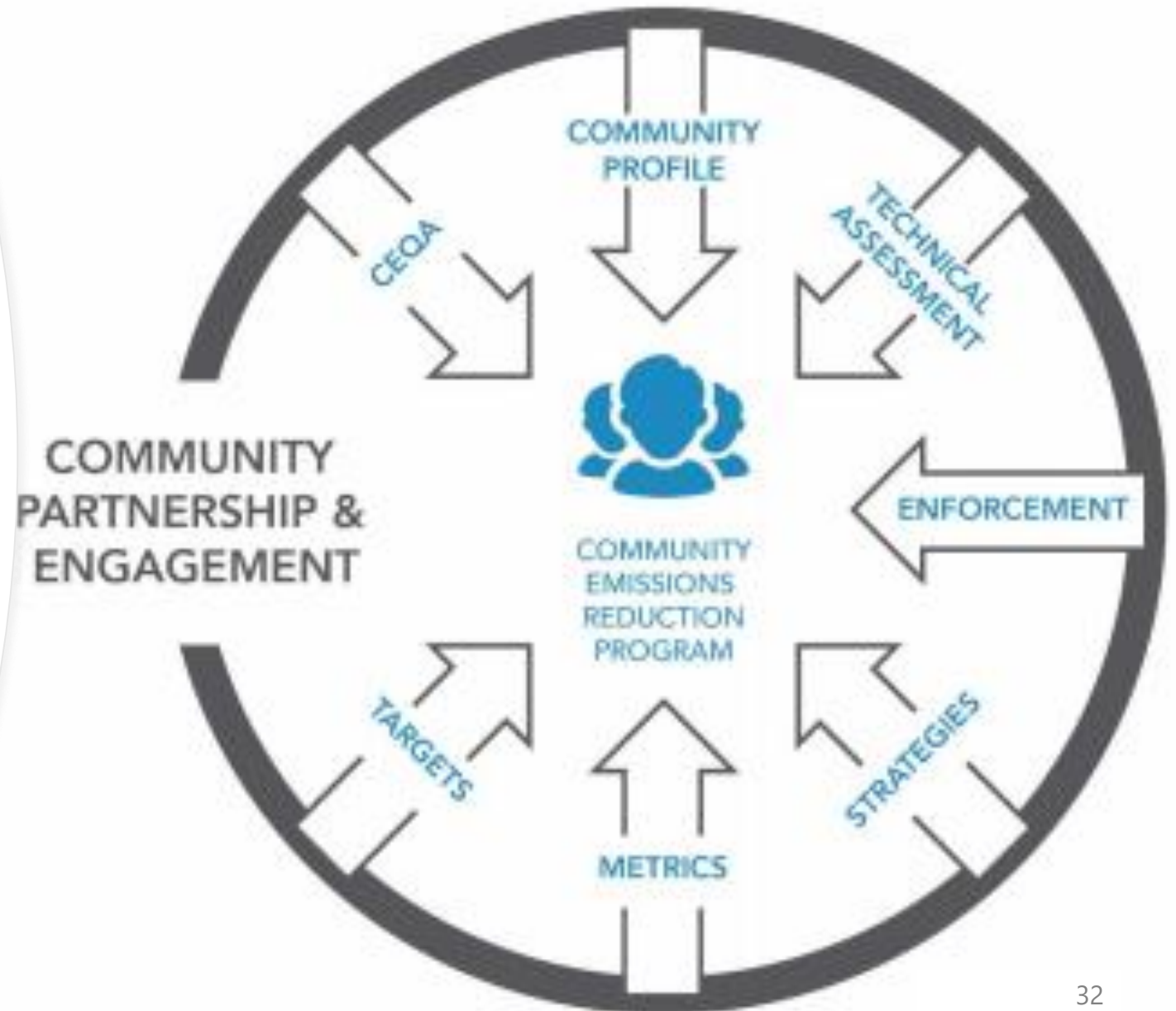
COMMUNITY AIR PROTECTION PROGRAM **C-1**

- CERP is a plan to achieve emission reductions using cost-effective measures focused in the selected community



- Sac Metro Air District's last board meeting is October
- With CEQA, CERP will need to be ready by early August
- Development of the CAMP took 19 meetings
- Anticipate more meetings for the CERP

CARB's CERP Required Elements



Recommended Timeline

Community Air
Monitoring Plan
Completed July 2020

Pre-CERP Work
(2020-2021)

Community Emission
Reduction Plan
(CERP)/Local Solution
(Discuss mid-2021)

RECOMMENDATION: Pre-CERP Work

- Steering committee's suggestion to form a pre-CERP workgroup
 - Evaluate work/needs to develop CERP
 - Develop timeline to address elements in the CERP
- Evaluate CAMP monitoring data
 - Help to develop reduction strategies for a CERP
- Initiate the work on elements of CERP
- Ensure CERP deadline can be met when selected
- Continue exploring incentive strategies
- Local solution

Upcoming Meetings and Agenda Items

Meeting #	When is the next meeting?	Regular/Other	What are the agenda items?
1	September 22, 2020?		Meeting and Agenda Planning? Amended Charter Proposal? Pre-CERP Work Group?
2			
3			
4			
5			
6			
7			

CAMP Tasks:

- Reporting and discussing data (regular updates)
- Community outreach
- Phase 3 site decision

New Business 10 minutes

Public Comments

10 minutes

- To participate, please raise your virtual hand:
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 - Please state your name and affiliation.
- When you are called – Please unmute yourself on the app or the phone (press *6)



raise hand

Adjourn

Next Meeting Date: September 22, 2020?

Sacramento PM_{2.5} Clarity Sensors Affected by Wildfire

Air Quality Index - Particulate Matter	
301 – 500	Hazardous
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