

# ≡ Welcome ≡

## Today's Activities

- 11:30 AM** Welcome Lunch & Resource Sharing
- 12:00 PM** Teatro Nagual Acto
- 12:15 PM** Intros & Project Overview
- 12:25 PM** Community Health Data
- 12:40 PM** Air Quality Monitoring: South Sacramento
- 12:50 PM** Overview: AB 617 South Sac Community
- 12:55 PM** Mapping Activities
- 1:20 PM** Closing Remarks
- 1:25 PM** CBO Announcements & Giveaways



# Vehicle Emissions Project Milestones

1

- Established project/ community engagement objectives
- Determined Air Quality monitoring sites

2

- Engaged with four priority communities about vehicle emissions impacts to public health and air quality

3

- Surveyed 1,200 residents
- Collected 500+ surveys in South Sacramento
- Compiled four community reports and one county-wide report

4

- Extensive mobile monitoring of air quality focused in the four priority communities

5

- Report back to communities through various educational events and other activities
- Continue monitoring air quality at various locations

6

- Evaluation of community health data and air quality data
- Publish report for community and government use
- Peer-reviewed publication

ClimatePlan



UNITED LATINOS  
Promoviendo Acción Cívica



valley vision  
Community Inspired Solutions



BREATHE CALIFORNIA  
Sacramento Region



SACRAMENTO COUNTY  
PUBLIC HEALTH  
Promote • Prevent • Protect



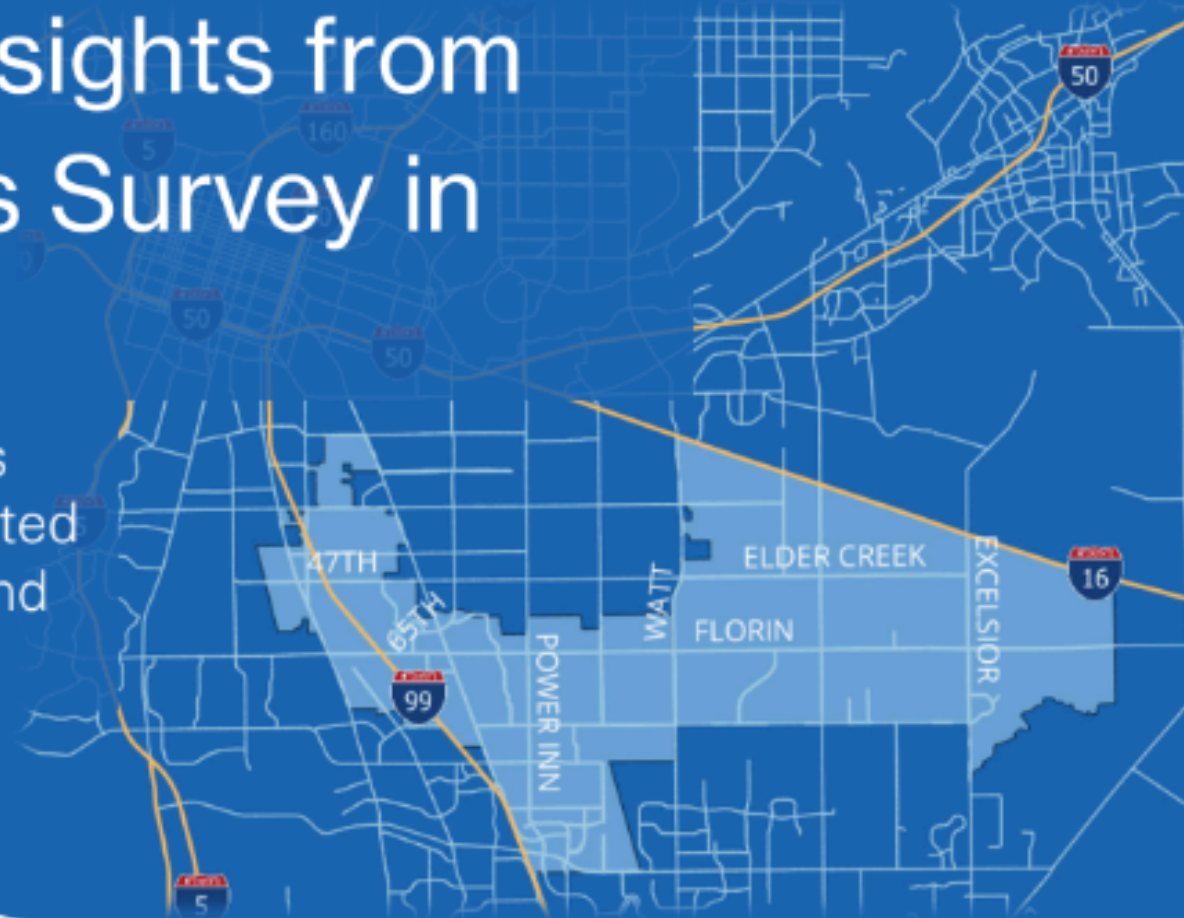
SACRAMENTO STATE



\* These community events are a part of the Sacramento County Vehicle Emissions Project funded by the California Department of Justice.

# Breathing Together: Insights from the Community Respiratory Wellness Survey in South Sacramento/Vineyard

Sacramento residents face various public health challenges due to poor air quality. Some communities are more impacted than others due, in part, to their proximity to major roads and the resulting vehicle emissions exposure.



In 2023 the Sacramento Environmental Justice Community Air Monitoring Project surveyed 1,200 residents, focusing on four priority communities to understand the link between health and vehicle pollution. United Latinos, Valley Vision, and Climate Plan spearheaded the survey outreach, collecting the **246 surveys** from South Sacramento / Vineyard (South Sac./Vineyard) residents summarized in this report.



# Mentimeter Activity

## Option 1

Scan the QR code with your phone



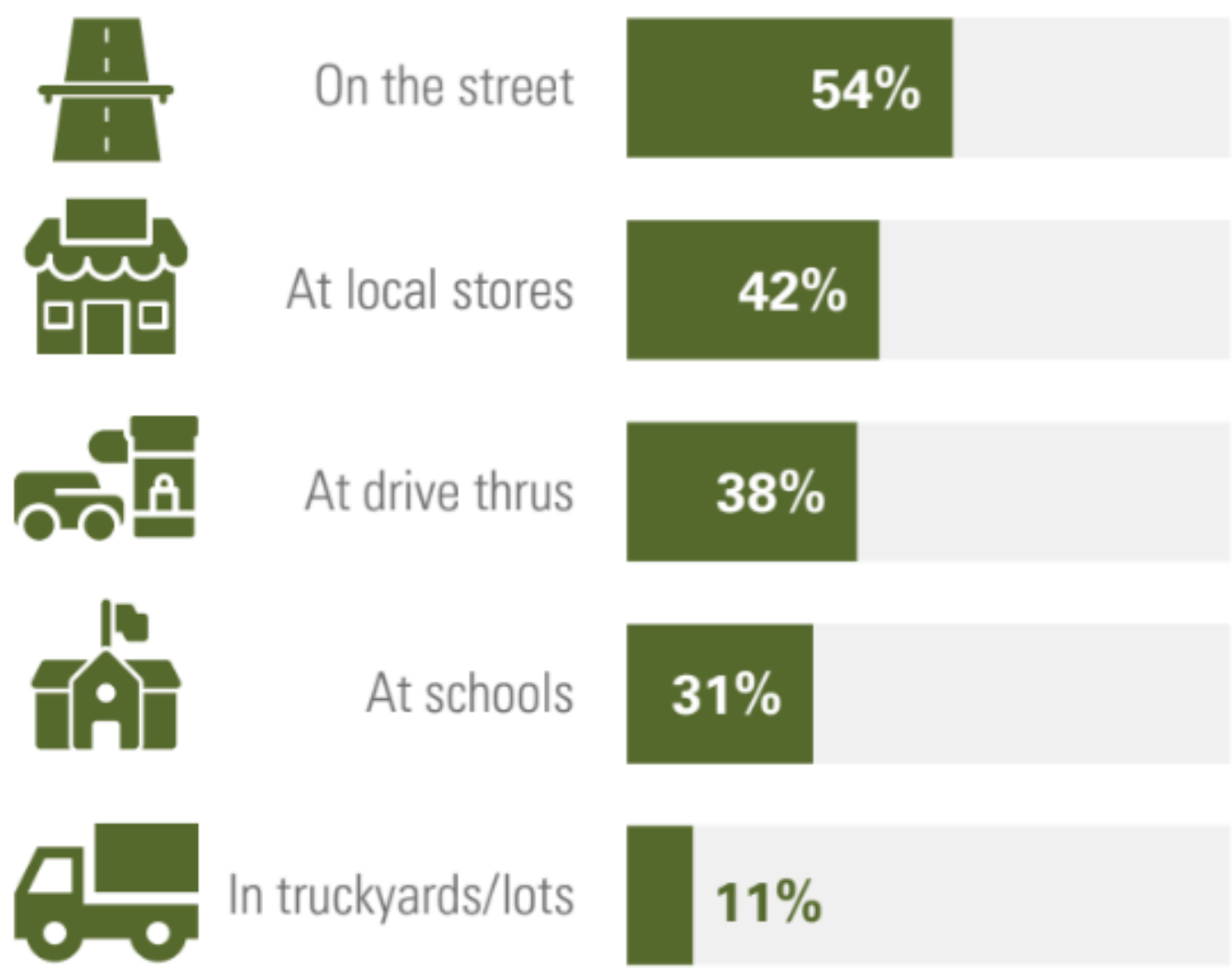
## Option 2

Type [menti.com](https://menti.com) and enter the code:

**4359 0896**

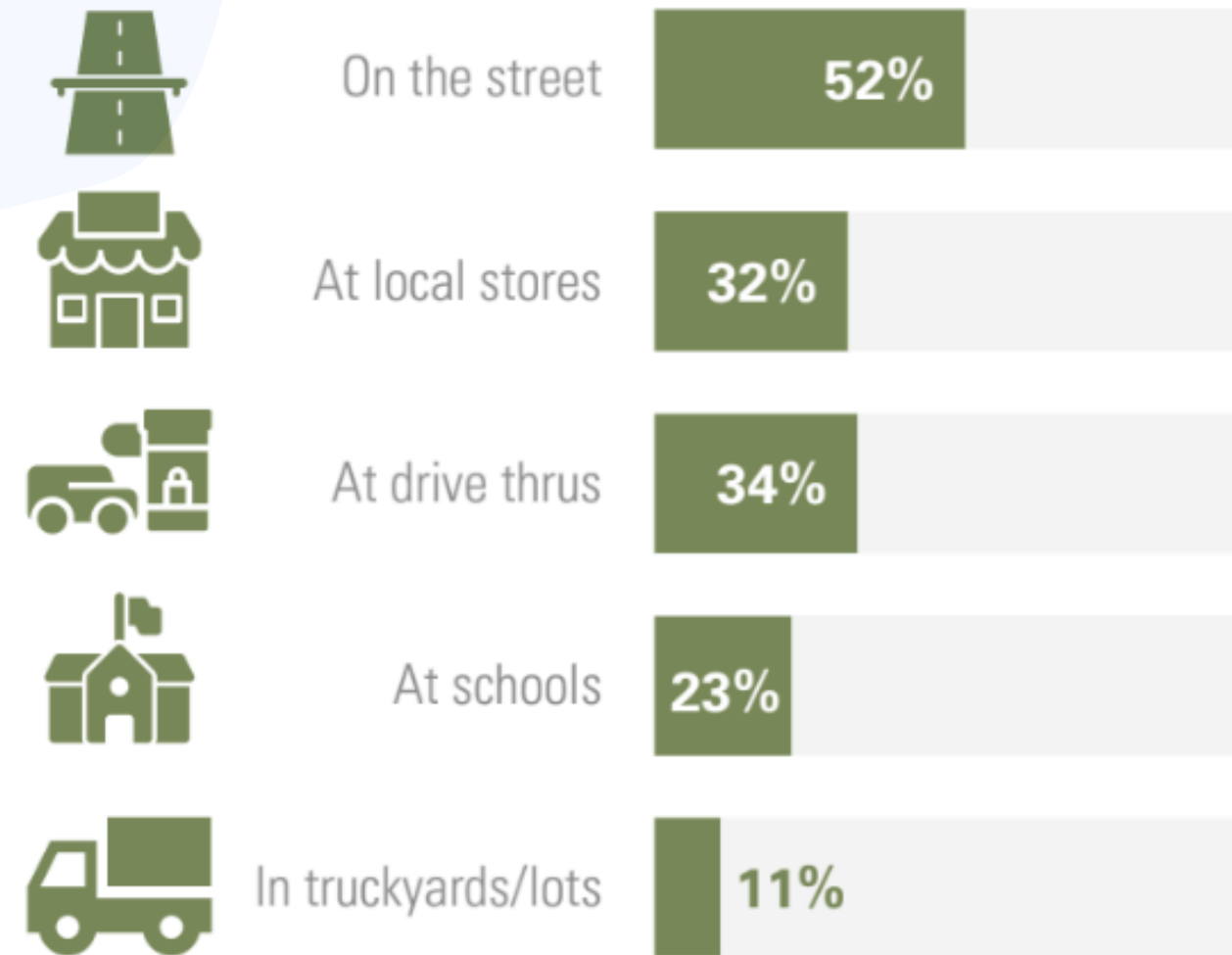
# Where do you see cars idling?

**60%** of South Sac./Vineyard residents have seen vehicles idling....



# Where have you smelled odor from vehicles?

**56%** of South Sac./Vineyard residents have smelled odor from vehicles....



# Survey respondents in South Sacramento said they had these symptoms:

- Headaches
- Nose irritation
- Eye irritation
- Throat irritation or soreness
- Difficulty breathing
- Nausea

**28 %**

of residents had someone from their household go to a clinic or doctor's office for allergy or asthma symptoms in the past year

**20 %**

of residents had someone from their household go to the ER for allergy or asthma symptoms in the past year

# Sampling Goals

What we are measuring

- Elemental metals
- Black carbon
- Carbon Monoxide

**Veronica Mozqueda**

*Research Assistant, CSUS*

Why?

- Diesel emissions by large, heavy vehicles will continue to pose pollution challenges
- Wear and tear from vehicles contributes to air pollution, even from electric vehicles

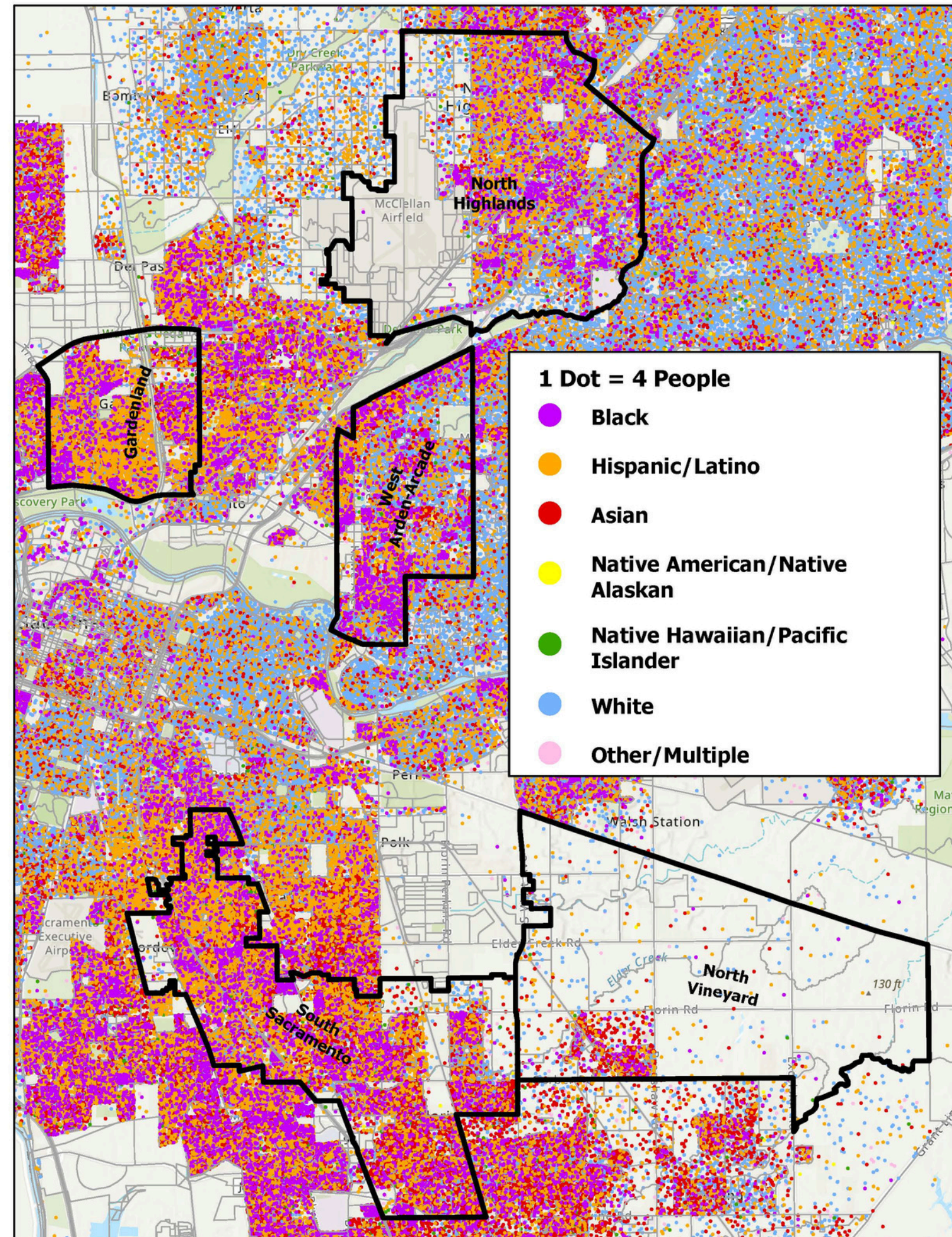
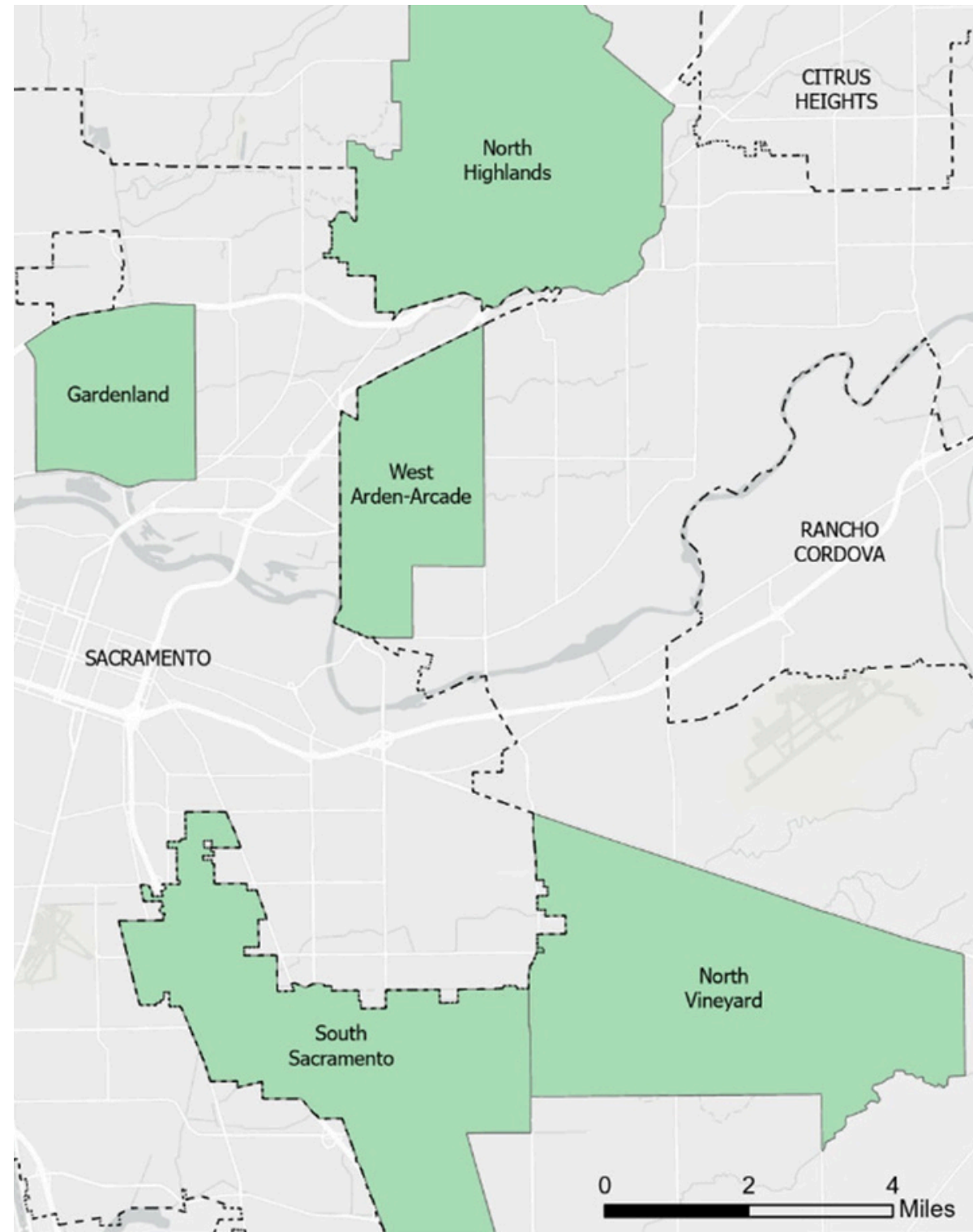


# Equipment

- TARTA: Toxic Metal Aerosol Real Time Analysis
- DS-Tech: Distributed Sensory Technology



# Environmental Justice (EJ) Zones



# Sampling Procedures

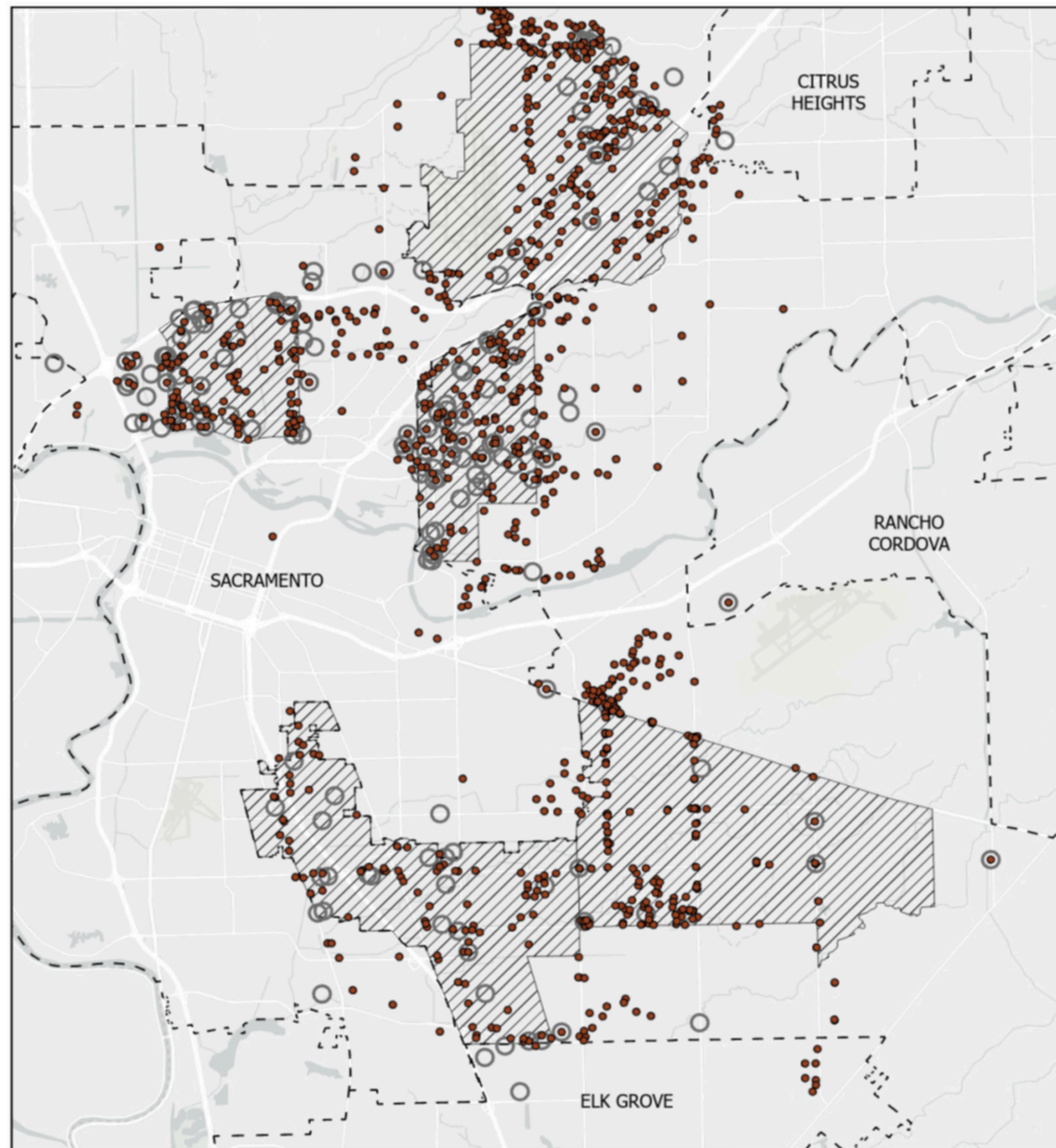
## Sample sites

- Randomized sampling in every EJ zone
- No stops are sampled twice to capture greater variation

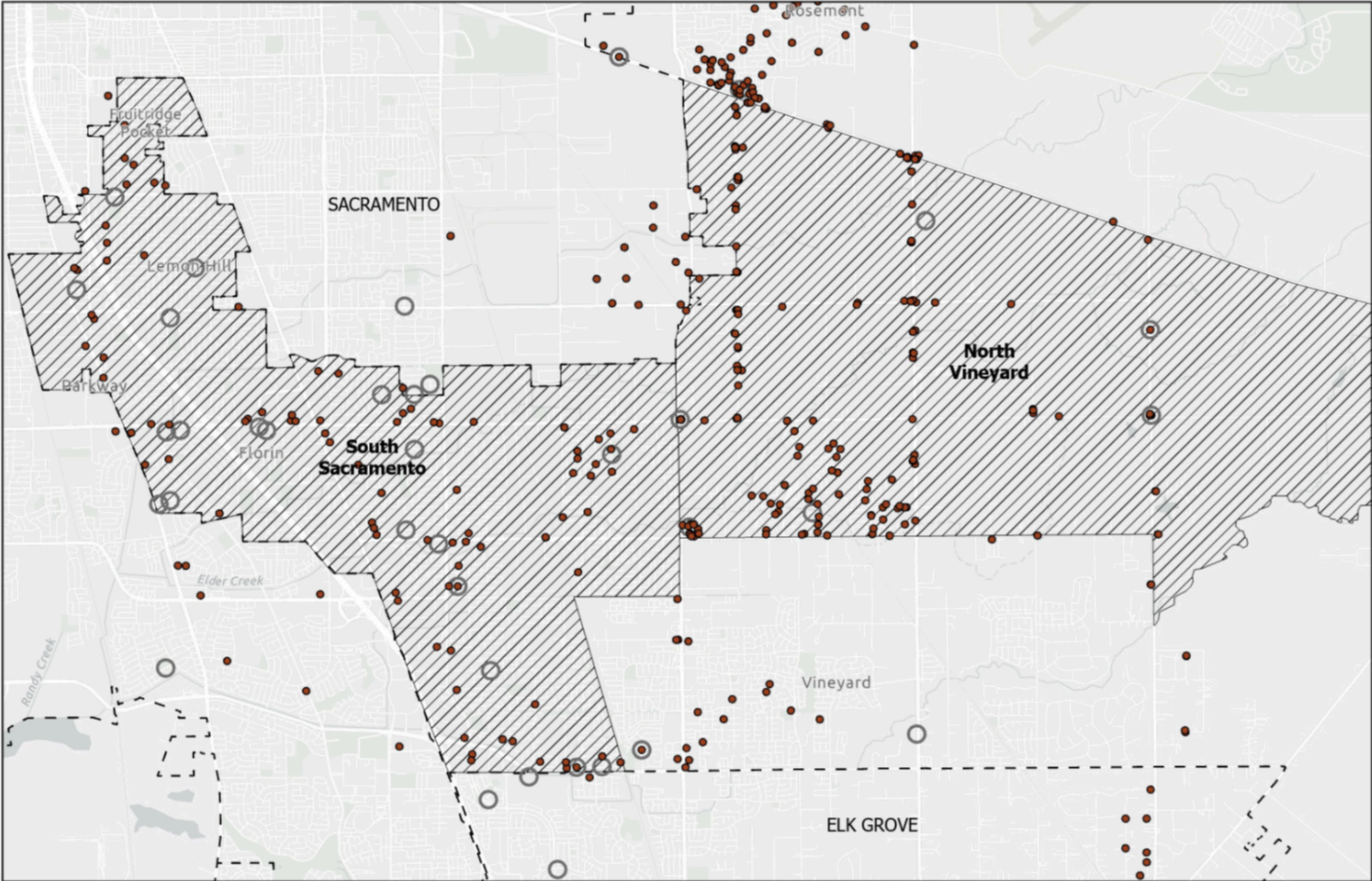
## Sampling Duration

- TARTA: 30 minutes
- DS-tech: 10 minutes

# Sampled Sites – EJ Zones (80%)



# Sampled Sites: South Sac & Vineyard (80%)





# Community Air Protection Program

South Sacramento Community  
we need your expertise!

Purpose: Identify local air pollution concerns and to improve air quality in communities that have been underserved

# Community Air Protection

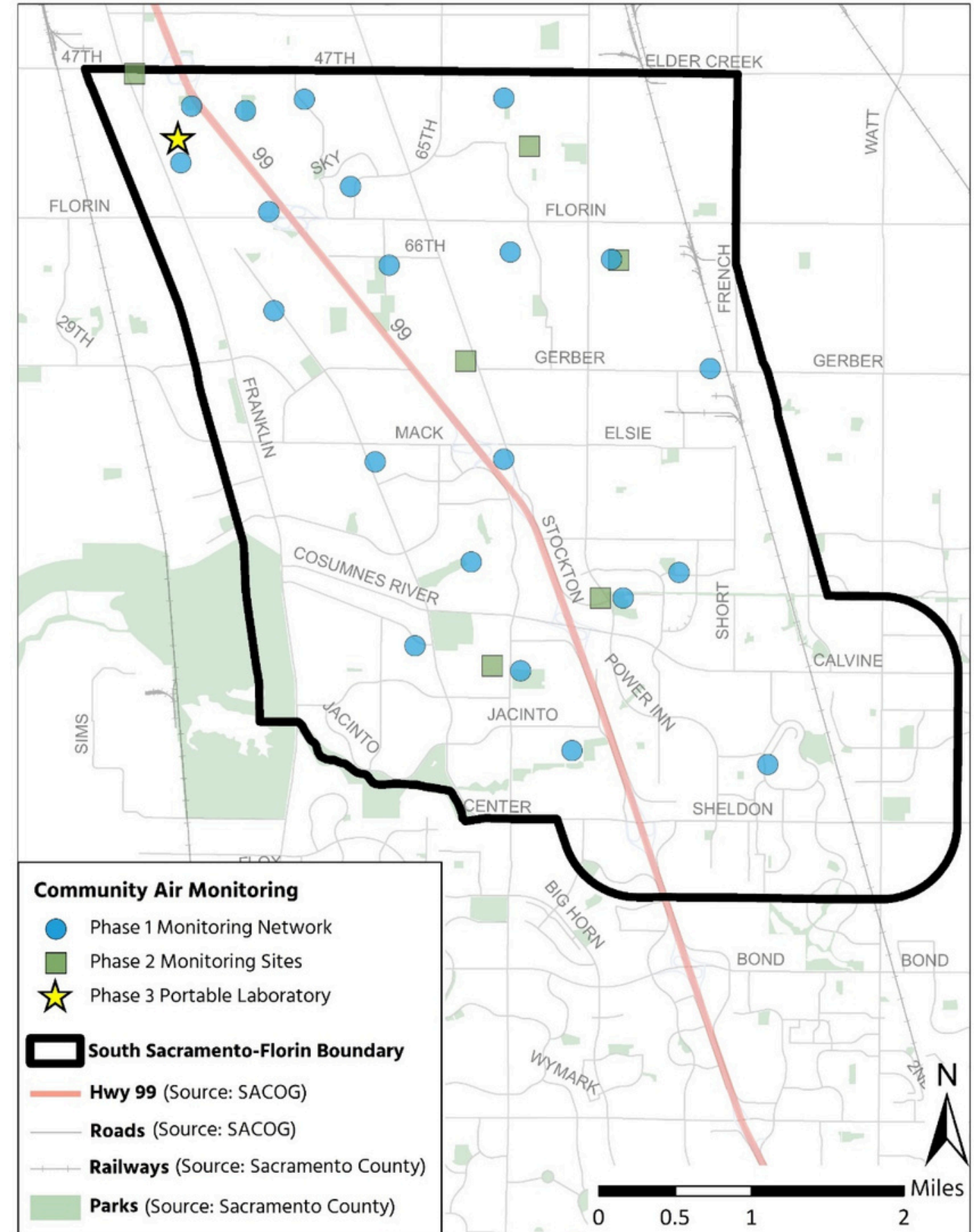
- Investments



# Fern Bacon Middle School

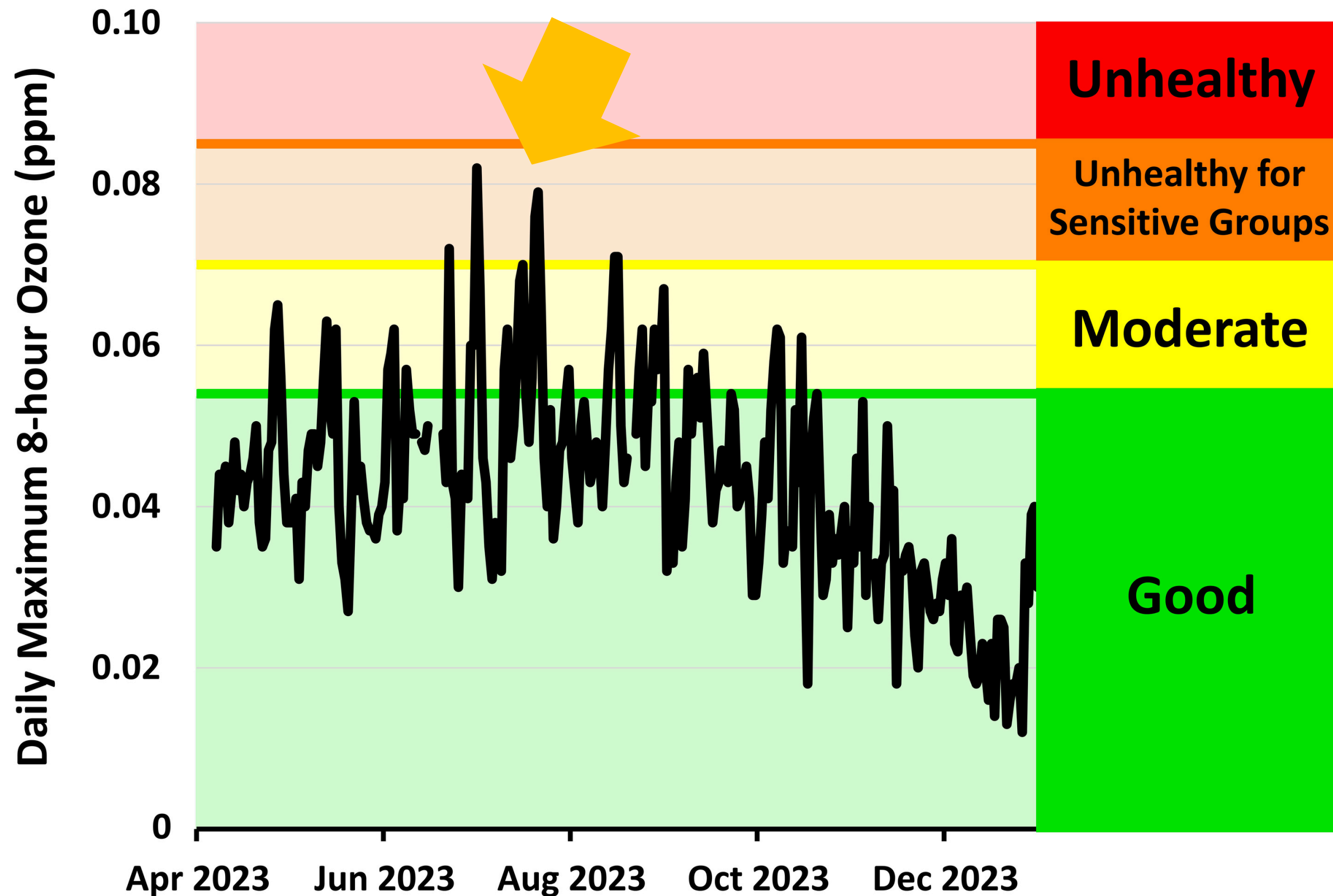


# Community Air Monitoring





# Professional-grade air monitoring equipment at Fern Bacon Middle School: Ozone

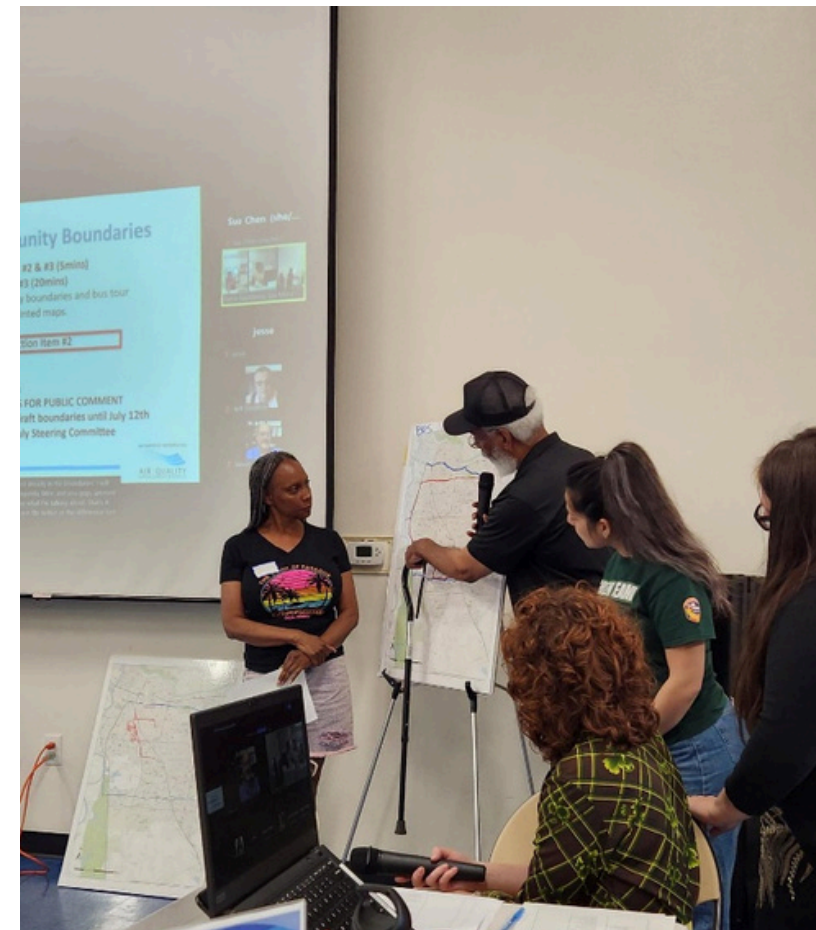
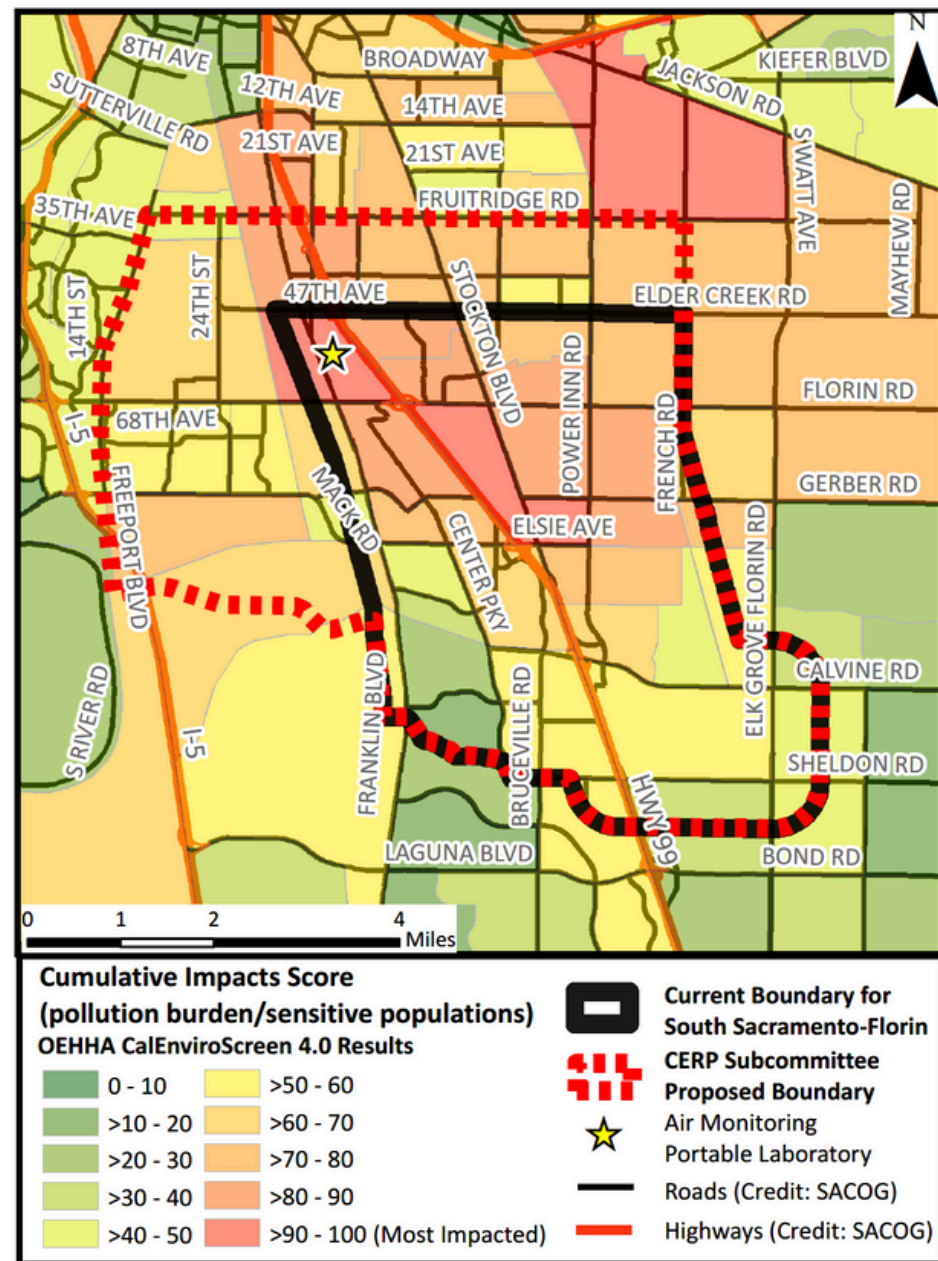


**Ozone**

Greatest ozone levels observed in the summer months (June–August)

Above federal health standard (0.07 ppm) on six different dates (during June–August)

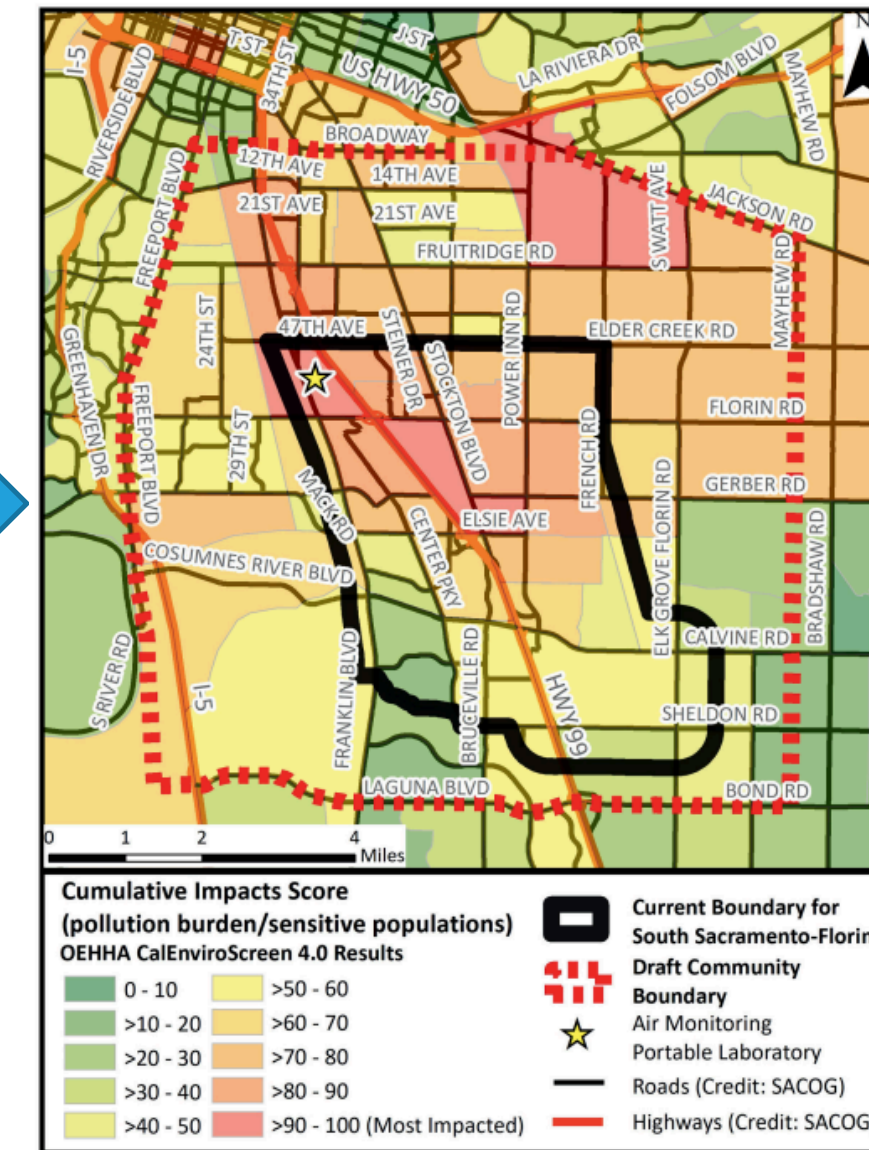
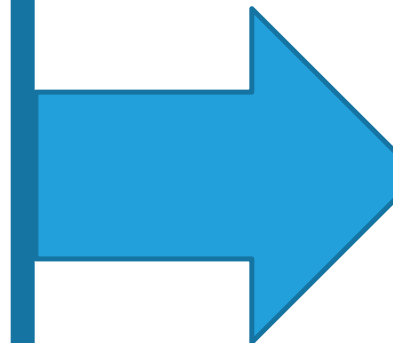
Lots of ideas and discussions on what nearby areas should be included in this work



# SHARE YOUR EXPERTISE



Help determine the community boundaries of this focused work. Scan the QR code or click the link to find out more information and how you can share your ideas: <https://bit.ly/45arf16>



# Clean Cars 4 All Program

Grant Amount Type	Hybrid Electric Vehicle 35+ MPG*	Plug-in Hybrid Electric Vehicle**	Battery Electric Vehicle**	Fuel Cell Electric Vehicle	Electric bike
Base Grant Amount (If at or below 300% FPL)	\$7,000	\$9,500	\$10,000	\$10,000	\$7,500
Increased Grant Amount (If at or below 300% FPL AND living in DAC census tract***)	\$7,000	\$11,500	\$12,000	\$12,000	\$7,500

\* Until 12/31/2024

\*\* PHEV and BEV are eligible for another \$2,000 in charging support

\*\*\*Visit the California Climate Investments Priority Map Population 2023 website for DAC status: <https://webmaps.arb.ca.gov/PriorityPopulations/>.

Eligibility/Grant is based on:

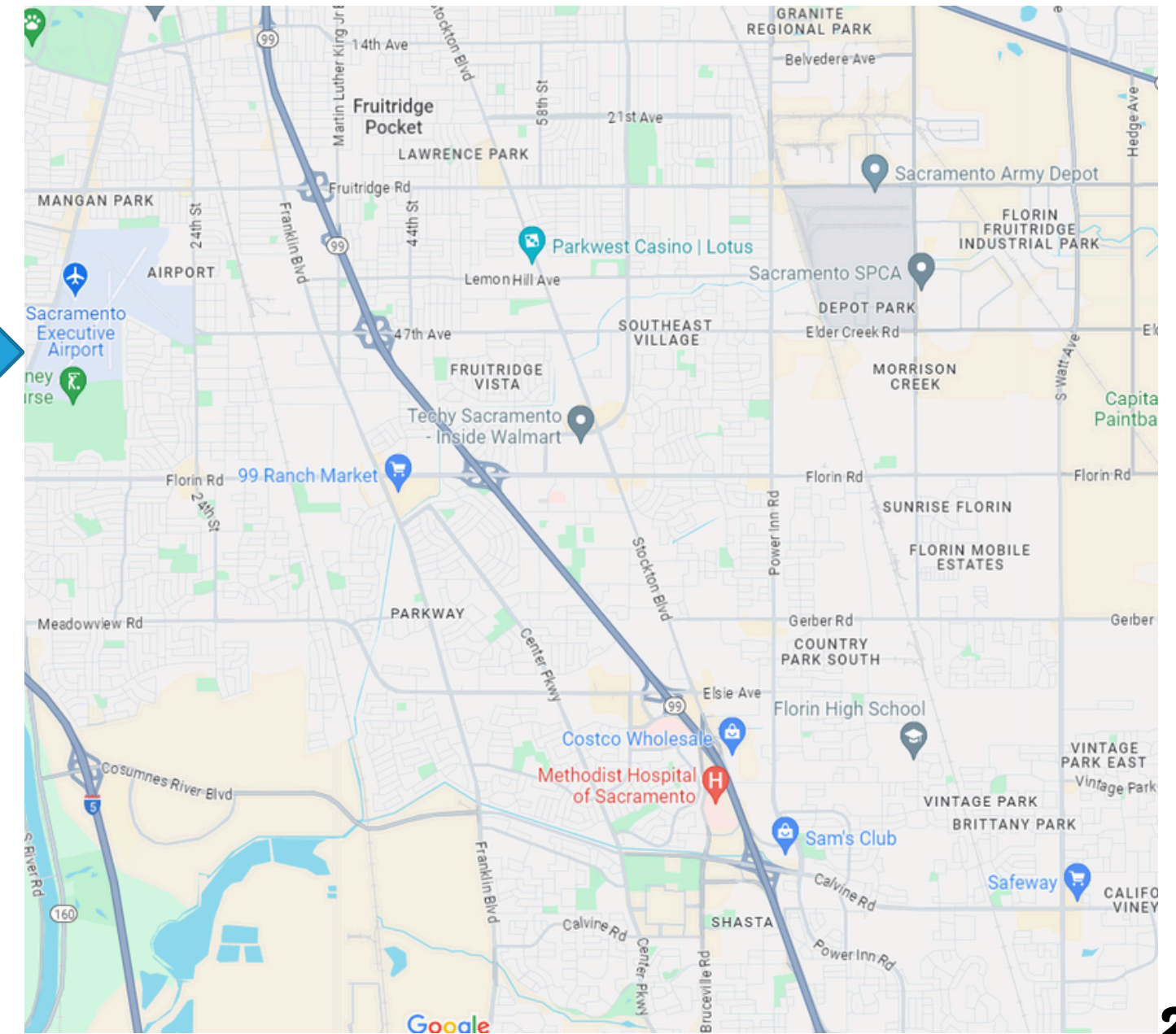
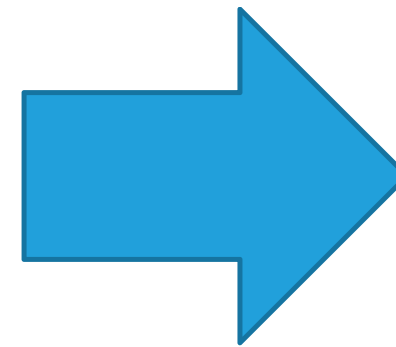
- Residency
- Income
- Existing Car
- Replacement Car

Zip Codes with Potential DAC Census Tract			
95652	95818	95825	95832
95670	95820	95826	95833
95811	95821	95827	95838
95814	95823	95828	95841
95815	95824	95829	

Share your expertise  
on where the need is



- EV Charging Infrastructure in South Sacramento?



 **Thanks for  
joining us!**



**Stay up to date:**

[linktr.ee/southsacvcp](https://linktr.ee/southsacvcp)