

South Sacramento – Florin Community Air Protection Steering Committee Meeting

Location: Florin Creek Recreation Center
7460 Persimmon Avenue, Sacramento, CA 95823
May 28, 2019

Agenda

6:00 – 6:05	Welcome/Introductions
6:05 – 6:15	Recap and approve meeting notes
6:15 – 6:30	Question follow-up
6:30 – 6:45	State's toxic modeling update
6:45 – 7:45	Discuss air monitoring proposal
7:45 – 8:00	Public comments
8:00	Adjourn

Recap and Approve Meeting Notes

Overall Goal: Assist in the development of a community air monitoring plan for the South Sacramento – Florin Community

Meeting Dates	Key Takeaways/Decisions
December 11, 2018	<ul style="list-style-type: none">• Overview of air quality, the District, and AB 617• Developed air quality steering committee charter
January 25, 2019	<ul style="list-style-type: none">• Approved the charter, selected Chair and Vice Chair• Recommended new community boundary
February 26, 2019	<ul style="list-style-type: none">• Finalized community boundary• Developed a list of air quality concerns
March 19, 2019	<ul style="list-style-type: none">• Prioritized air quality concerns (via survey)• Established general monitoring objectives and scope of actions
March 26, 2019	<ul style="list-style-type: none">• Finalized objectives and actions• Developed maps of potential areas impacted by air pollution

Overall Goal: Assist in the development of a community air monitoring plan for the South Sacramento – Florin Community

Meeting Dates	Key Takeaways/Decisions
April 23, 2019	<ul style="list-style-type: none">• Prioritized potential areas of impacts• Discussed monitoring equipment and potential locations
May 28, 2019 (Today)	<ul style="list-style-type: none">• Discuss air monitoring proposal

Question Follow-Up

- Status of steering committee member
- Community tour
- Reference handout
- Community Air Grants – CARB
- Community Air Protection Incentive Guidelines



AB617 Toxics Modeling for Sacramento Valley

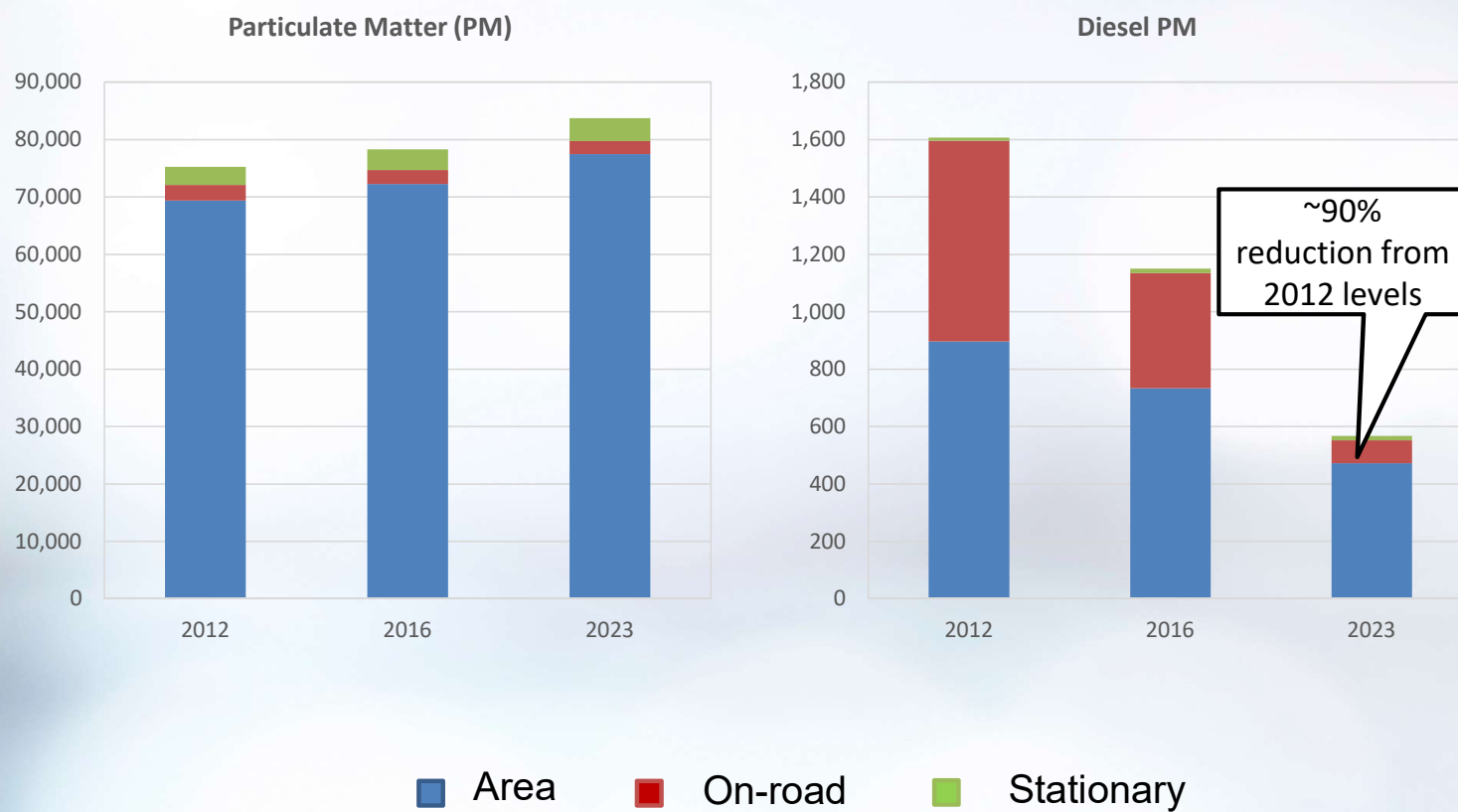
May 28, 2019

South Sacramento/Florin Community Steering Committee



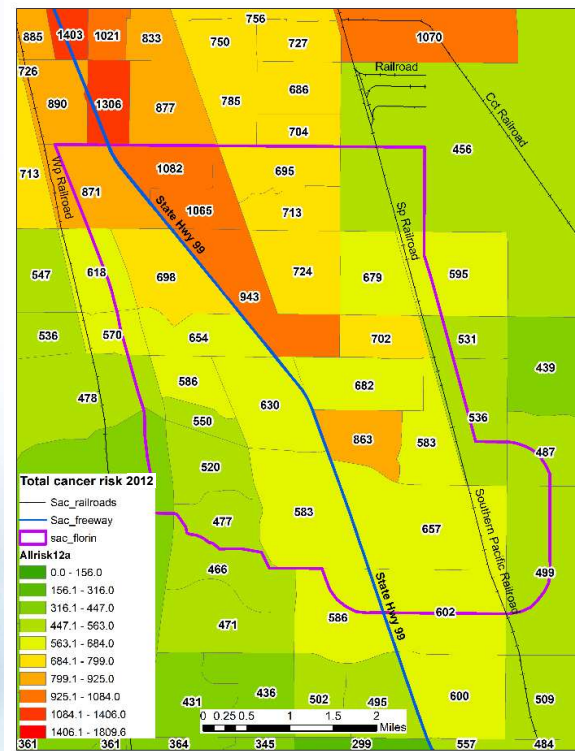
DRAFT

Emission Trends – Sacramento Valley (tons per year)

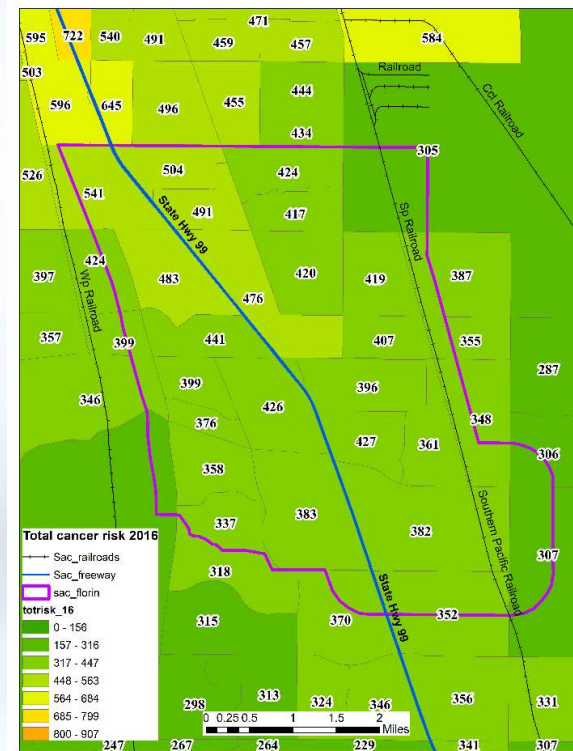


Total Cancer Risk for All Sources (2012 vs. 2016)

2012



2016



[estimated potential cancer cases / million]

Take Aways

- On-Road Diesel Particulate Matter
 - Emissions are declining due to newer and retrofitted trucks
 - Full compliance of truck regulations ensured by registration holds will further reduce diesel particulate matter in future.
- Slight particulate matter increase from area-wide sources
- Total Cancer Risk
 - Estimated decrease of 40% from 2012 to 2016

SACRAMENTO METROPOLITAN



AIR QUALITY
MANAGEMENT DISTRICT

Air Monitoring Proposal

LEVI FORD, PROGRAM SUPERVISOR

MAY 28, 2019

Mobile

Cars,
Trucks

- Particulate Matter
- Nitrogen Oxides
- Black/Organic Carbon
- Air toxics

Stationary

GDFs,
Facilities

- Particulate Matter
- Air toxics
- Metals

Area-Wide

Smoke,
Coatings

- Particulate Matter
- Black/Organic Carbon
- Air toxics

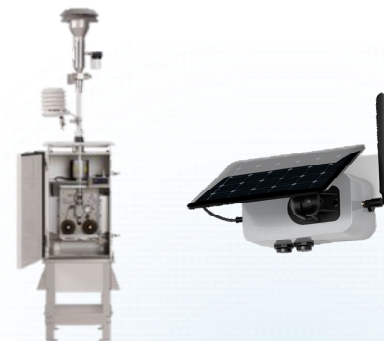
Other

Planes,
Trains,
Construction

- Particulate Matter
- Black/Organic Carbon
- Air toxics
- Metals
- Ozone

+ Weather Measurements

Air Monitoring Needs



Monitoring Proposal and Timeline

Phase I

07/01-08/31/2019

Initial Screening
Deploy 18 sensors



Phase II

Fall 2019

Enhanced Screening
Deploy stand alone
monitors



Phase III

Early 2020

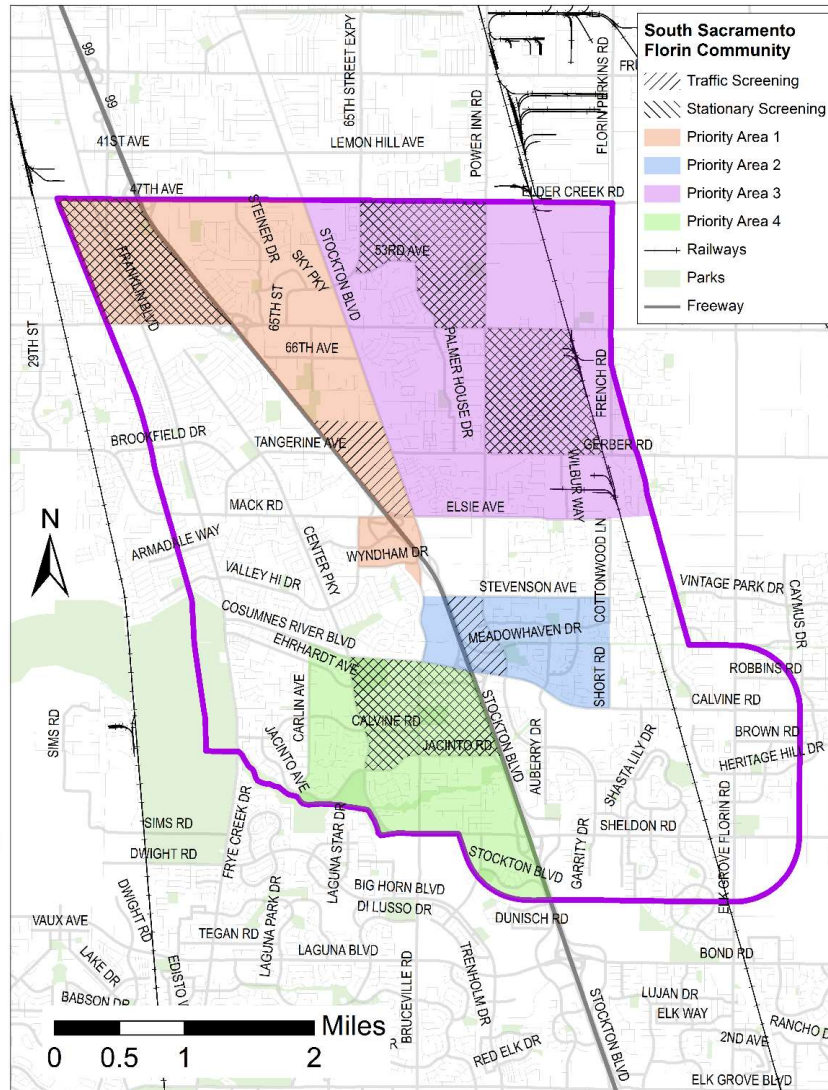
Professional Grade
Deploy 1 portable trailer



The image shows a smartphone displaying the TZO app interface. The screen displays "YOUR TZO A" at the top, followed by a circular progress indicator showing "42%" and "AIR QUALITY NOW CLEAN". Below this, there are two circular gauges labeled "AQI 15" and "PM 7". The text "DAILY LIMIT" is visible. At the bottom, it says "WE SUGGEST" and "Get out for a bike ride in Point Grey while the air is still warm and clear". A physical TZO device is shown next to the phone, featuring a solar panel on top and a circular sensor unit.



A Solonite AL Compressor unit, which is a stainless steel cylindrical tank with a blue-handled valve on top. A green hose with a pressure gauge is attached to the top. The unit has a label that reads "SOLENITE AL Compressor".



Public Comments

Next meeting: June 25, 2019

Community Tour

Adjourn