

# South Sacramento –Florin Community Air Protection Steering Committee Meeting

Location: Mack Road Partnership  
75 Quinta Court, Suite D, Sacramento, CA 95823  
March 19, 2019

# Steering Committee Meeting Goals

- 1) Develop community monitoring objectives
- 2) Identify desired scope of actions



# Agenda

6:30 – 6:35	Welcome
6:35 – 6:40	Recap and approve meeting notes
6:40 – 6:50	Meeting Logistics & Follow-up
6:50 – 8:00	Objectives and scope of actions <ul style="list-style-type: none"><li>- Survey results</li><li>- Discussion</li></ul>
8:00 – 8:15	Public comments
8:15 – 8:30	Wrap-Up & Next Steps
8:30	Adjourn

# Recap and Approve Meeting Notes



# Meeting Logistics & Follow-up

# Florin Creek Recreation Center

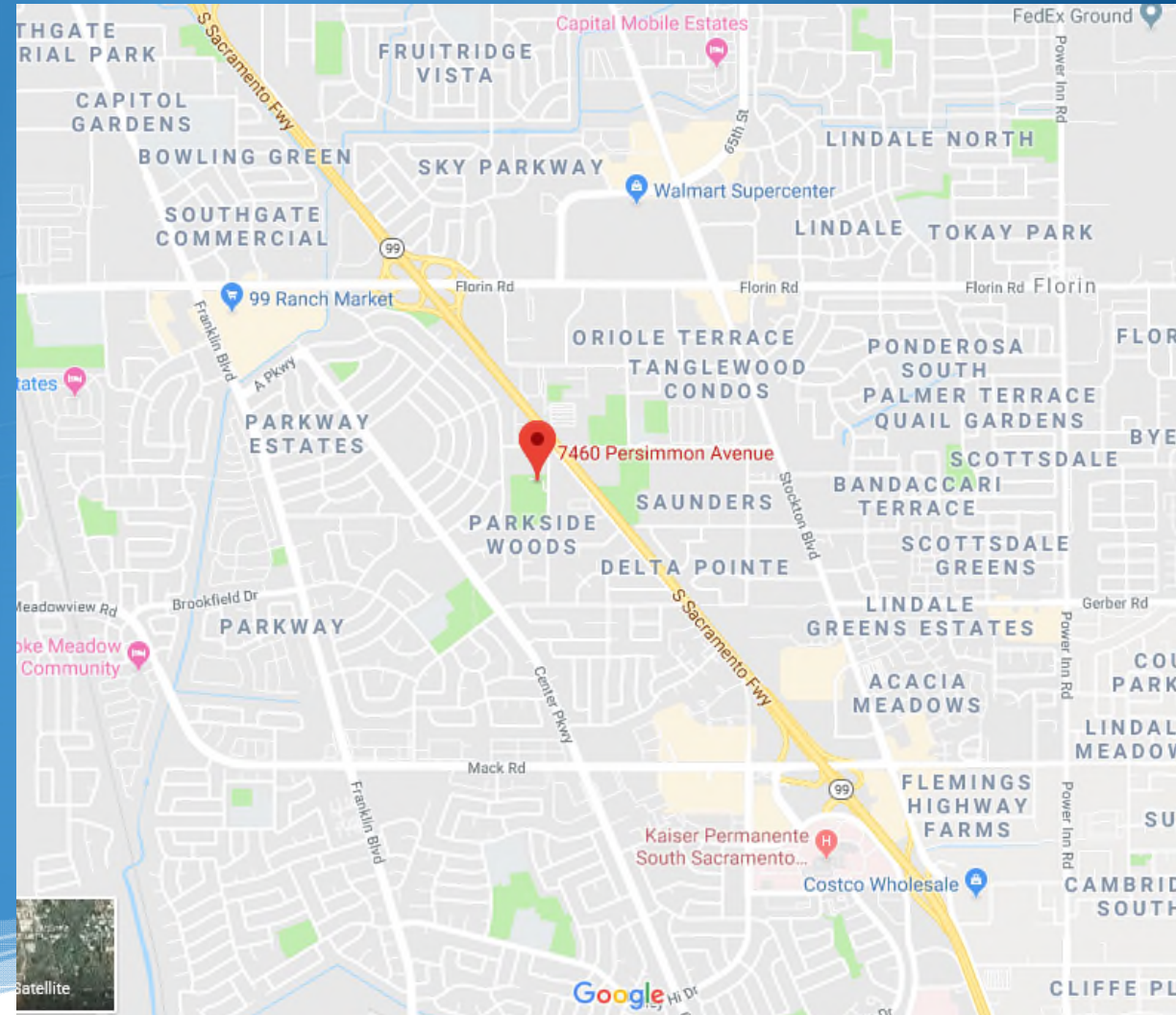






# Florin Creek Recreation Center 7460 Persimmon Avenue, Sacramento

- Large meeting space
- Within the South Sacramento – Florin Community
- Parking should not be an issue



# Objectives and Scope of Actions

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March 19, 2019

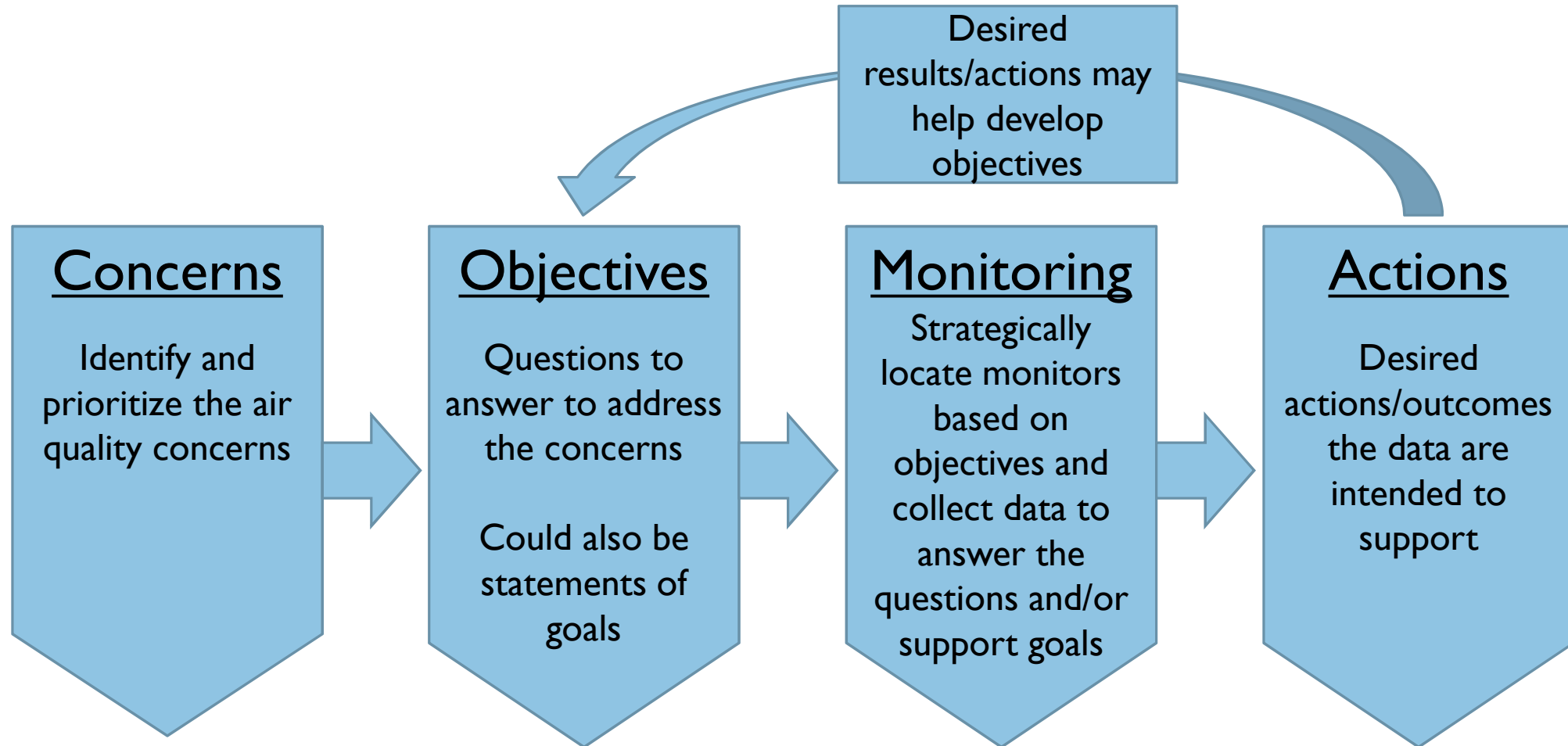


# Survey Results

## Air Quality Concerns

1. Need to increase education and outreach efforts, especially to minority population
2. Emissions from highway 99
3.
  - Increasing rates of asthma and respiratory problems in the community, and for sensitive groups
  - Emissions in and from small businesses
4.
  - Idling trucks/traffic on Mack Road and Stockton Boulevard
  - Children walking to school and crossing intersections where these are located at high traffic areas or the highway 99 corridor
  - Indoor air quality/air pollution
  - Airport emissions
5.
  - Traffic on Franklin Boulevard
  - Vehicles idling at light rail and train crossing
  - Fireplaces
  - Effects on the many underserved population, including your children, need to be better understood
  - Economic ramifications
  - Campbell Soup (no longer active)

# Monitoring Development Process



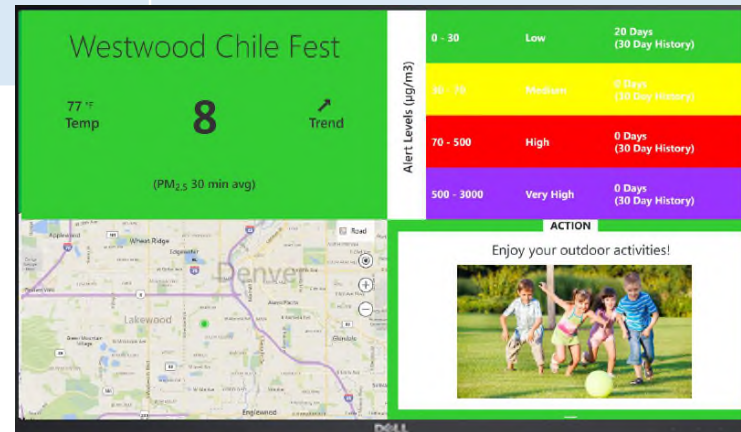


# South Sacramento – Florin Community

Concerns	Objectives	Air Quality Monitoring	Desired Actions
Emissions from Hwy 99	Detailed example provided		
Need to increase air quality education and outreach efforts			
Increasing rates of asthma and respiratory problems in the community			
Emissions and impacts in and from small businesses			
Other (?)			

# Air Quality Community Action Network (AQ-CAN)





Concerns	Objectives	Air Quality Monitoring	Results/Actions
<ul style="list-style-type: none"> <li>Families spend an average of \$3,100 a year on asthma-related medical costs</li> <li>Children exposed to poor air quality</li> </ul>	<ul style="list-style-type: none"> <li>How to protect children from the negative effects of poor air quality?</li> <li>Can we gather real-time data to empower communities, families, and schools to limit exposure?</li> </ul>	<ul style="list-style-type: none"> <li>Measure air quality at schools</li> </ul>	<ul style="list-style-type: none"> <li>Real-time results to the community</li> <li>Dashboard to help inform decision</li> <li>Anti-idling campaign</li> <li>Sign, reminders, ticketing</li> </ul>






Link: <https://www.denvergov.org/content/denvergov/en/environmental-health/environmental-quality/air-quality.html>



# SCAQMD I-710 Monitoring Project

Concerns	Objectives	Monitoring	Results/Actions
<ul style="list-style-type: none"> <li>Impacts of motor vehicle emissions near the I-710 Freeway (Long Beach Freeway)</li> </ul>  <p>Links: <a href="http://www.aqmd.gov/docs/default-source/air-quality/air-quality-monitoring-studies/near-roadway-study.pdf">http://www.aqmd.gov/docs/default-source/air-quality/air-quality-monitoring-studies/near-roadway-study.pdf</a>  <a href="https://www.metro.net/projects/i-710-corridor-project/">https://www.metro.net/projects/i-710-corridor-project/</a></p>	<ul style="list-style-type: none"> <li>Are there differences in distribution of air pollution with distance from freeway and season?</li> <li>What are the concentrations of air toxics?</li> </ul> 	<ul style="list-style-type: none"> <li>Monitor at a number of distances from the freeway</li> </ul> 	<ul style="list-style-type: none"> <li>Determined high diesel emissions and significant air quality issues</li> <li>I-710 Corridor Project</li> <li>Collaboration with multiple agencies and community groups</li> <li>Incentive funds to promote zero emission trucks</li> <li>Change infrastructure</li> </ul> 

# BAAQMD Wood Smoke Monitoring

Concerns	Objectives	Monitoring	Results/Actions
<ul style="list-style-type: none"> <li>Impacts remain in San Geronimo Valley from winter-time wood smoke after implementation of no-burn program</li> <li>Area has no natural gas service</li> </ul> 	<ul style="list-style-type: none"> <li>What are the wood smoke impacts to the area and how does it compare to other nearby areas?</li> </ul> 	<ul style="list-style-type: none"> <li>Monitor how wood burning impacts air quality in San Geronimo Valley</li> </ul> 	<ul style="list-style-type: none"> <li>Higher readings were recorded compared to other areas</li> <li>Adopt new requirements                             <ul style="list-style-type: none"> <li>Limit number of exemptions</li> <li>Require rental properties to install non-wood burning alternatives</li> <li>No wood burning devices allowed in new building construction</li> </ul> </li> <li>Provide more incentives for high wood smoke impacted area</li> </ul>

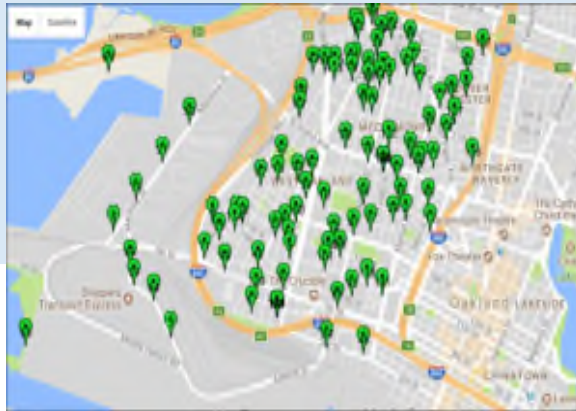
Links: <http://www.baaqmd.gov/about-air-quality/special-air-monitoring-projects/forest-knolls>  
[http://www.baaqmd.gov/~media/files/board-of-directors/2015/bod\\_102115\\_presentation-pdf?la=en](http://www.baaqmd.gov/~media/files/board-of-directors/2015/bod_102115_presentation-pdf?la=en)







# West Oakland Monitoring and Action Plan

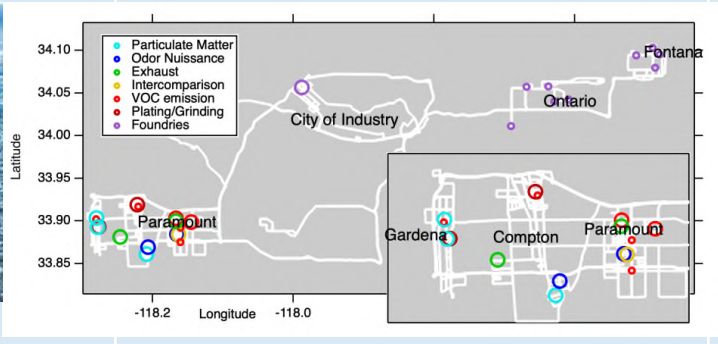
Concerns	Objectives	Monitoring	Results/Actions
<ul style="list-style-type: none"> <li>Impacts to the community next to port of Oakland and surrounded by freeways</li> <li>Pollution from the port, trucks</li> </ul>	<ul style="list-style-type: none"> <li>What are the impacts of emissions from the ports and truck traffic in the community?</li> </ul>	<ul style="list-style-type: none"> <li>100 black carbon sensors for 100 days and truck survey of port traffic</li> </ul>	<ul style="list-style-type: none"> <li>Up to 75% higher at some locations compared to BAAQMD monitoring site</li> <li>Prohibit trains/trucks transporting coal to nearby army base property</li> <li>Truck management plan</li> <li>Invest in zero emission equipment</li> </ul>



Links: <http://www.baaqmd.gov/community-health/community-health-protection-program/west-oakland-community-action-plan>  
[http://www.baaqmd.gov/~media/files/ab617-community-health/west-oakland/edf\\_aq\\_mapping\\_07272018-pdf.pdf?la=en](http://www.baaqmd.gov/~media/files/ab617-community-health/west-oakland/edf_aq_mapping_07272018-pdf.pdf?la=en)

# SCAQMD Hexavalent Chromium Monitoring

Concerns	Objectives	Monitoring	Results/Actions
<ul style="list-style-type: none"><li>Impacts to the communities of Paramount and Compton</li><li>Pollution of air toxic metals from the metal forging, grinding and plating facilities</li></ul>	<ul style="list-style-type: none"><li>Could these facilities pose a significant health risk to the community?</li></ul>	<ul style="list-style-type: none"><li>Portable samplers at nearly 30 locations</li><li>Mobile platform</li></ul> <div></div>	<ul style="list-style-type: none"><li>High levels observed near facilities, though inconsistent</li><li>Continue air monitoring</li><li>Through enforcement efforts, concentrations decreased</li><li>Adopted new requirements</li><li>Inspections and enforcement</li><li>Facility improvements</li><li>Outreach and collaboration</li></ul>



Link: <https://www.aqmd.gov/home/news-events/community-investigations/air-toxics-action-plan/community-air-toxics-init-compton>

# South Sacramento – Florin Community

Concerns	Objectives	Monitoring (Options)	Results/Desired Actions
Emissions from Hwy 99/traffic	<ul style="list-style-type: none"> <li>What portion of emissions from traffic are from heavy duty vehicle vs light duty vehicle? On-road vs. off-road?</li> <li>How far does the impact of traffic related pollutants from Hwy 99 extend?</li> </ul>	<ul style="list-style-type: none"> <li>Particulate Matter</li> <li>Black Carbon</li> <li>Toxics from diesel and gasoline</li> </ul>	<ul style="list-style-type: none"> <li><b>If emissions are found to have high proportion from heavy duty vehicles</b> <ul style="list-style-type: none"> <li>Truck complaint system</li> <li>Mobile incentive funding                             <ul style="list-style-type: none"> <li>Low emission and zero emission heavy duty vehicle incentives</li> </ul> </li> </ul> </li> <li><b>If emissions are found to have high proportion from light duty vehicles</b> <ul style="list-style-type: none"> <li>Low emission and zero emission light duty incentives (ex. Clean Cars 4 All Program)</li> <li>Increased alternative fueling stations</li> </ul> </li> </ul>



# Year 1 Projects

## EV School Bus



Innovative Technology  
1 E-Lion = replacing 15-25 cars  
Idling = Zero Pollution  
Significantly quieter



**Bicycle Library**  
E-Bikes  
Active Transportation  
Driver's License Optional

## Mobility Hubs

Flexible E-Mobility Options

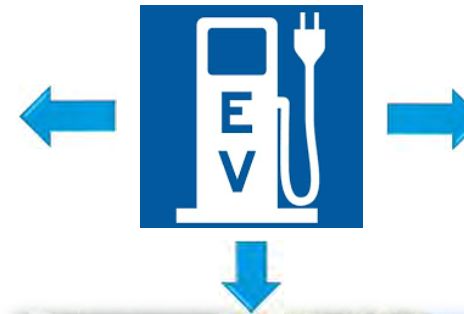
Innovative Technology

EV Library

EV Food Truck

Reducing Vehicle Use

Clean Cars 4 All



**EV Micro Shuttle**  
Replacing 6-10 cars  
Driver's License Optional  
Flexible Routes



**CarShare:**  
Personal/Family Trips  
Zero Emission  
ZEV Mobility Flexibility

# Guidelines and Challenges



Community engagement

Projects must meet 2017 Carl Moyer Guidelines

On-road: HD Trucks/Buses, Utility/Emergency Vehicles

Off-road: Construction, Agricultural, Industrial Equipment

Infrastructure: Electric charging, Alternative fueling stations

Vehicle Scrap: Required for all replacement projects

Projects are required to align with community priorities

Community resources are limited

Business resources can be limited

Vehicle scrap requirements

Guidelines are too restrictive

## Steering Committee Support

CARB receiving comments for CAP Guidelines March 22 – April 22

Testify at CARB Board Meeting

# South Sacramento – Florin Community

Concerns	Objectives	Monitoring	Desired Actions
Need to increase air quality education and outreach efforts			
Increasing rates of asthma and respiratory problems in the community			
Emissions and impacts in and from small businesses			
Other (?)			



# Public Comments

# Wrap-up & Next Steps

**Action Requested:**  
Recommendations from Steering Committee  
on objectives



**Adjourn**

Next meeting: March 26, 2019

Location change?