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
             - Survey results
             - Discussion
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
7460 Persimmon Avenue, Sacramento

- Large meeting space
- Within the South Sacramento – Florin Community
- Parking should not be an issue
Objectives and Scope of Actions

March 19, 2019
Survey Results

<table>
<thead>
<tr>
<th>Air Quality Concerns</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Need to increase education and outreach efforts, especially to minority population</td>
</tr>
<tr>
<td>2. Emissions from highway 99</td>
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</tbody>
</table>
| 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  • Campbell Soup (no longer active) |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

**Concerns**
- Identify and prioritize the air quality concerns

**Objectives**
- Questions to answer to address the concerns
- Could also be statements of goals

**Monitoring**
- Strategically locate monitors based on objectives and collect data to answer the questions and/or support goals

**Actions**
- Desired actions/outcomes the data are intended to support

Desired results/ actions may help develop objectives
South Sacramento – Florin Community

<table>
<thead>
<tr>
<th>Concerns</th>
<th>Objectives</th>
<th>Air Quality Monitoring</th>
<th>Desired Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissions from Hwy 99</td>
<td></td>
<td></td>
<td>Detailed example provided</td>
</tr>
<tr>
<td>Need to increase air quality education and outreach efforts</td>
<td></td>
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<td>Other (?)</td>
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## Air Quality Community Action Network (AQ-CAN)

### Concerns
- Families spend an average of $3,100 a year on asthma-related medical costs
- Children exposed to poor air quality

### Objectives
- How to protect children from the negative effects of poor air quality?
- Can we gather real-time data to empower communities, families, and schools to limit exposure?

### Air Quality Monitoring
- Measure air quality at schools

### Results/Actions
- Real-time results to the community
- Dashboard to help inform decision
- Anti-idling campaign
- Sign, reminders, ticketing

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**Link:** [https://www.denvergov.org/content/denvergov/en/environmental-health/environmental-quality/air-quality.html](https://www.denvergov.org/content/denvergov/en/environmental-health/environmental-quality/air-quality.html)

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**Objectives and Scope of Actions– March 19, 2019**
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<th>Objectives</th>
<th>Monitoring</th>
<th>Results/Actions</th>
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</thead>
<tbody>
<tr>
<td>• Impacts of motor vehicle emissions near the I-710 Freeway (Long Beach Freeway)</td>
<td>• Are there differences in distribution of air pollution with distance from freeway and season? • What are the concentrations of air toxics?</td>
<td>• Monitor at a number of distances from the freeway</td>
<td>• Determined high diesel emissions and significant air quality issues • I-710 Corridor Project • Collaboration with multiple agencies and community groups • Incentive funds to promote zero emission trucks • Change infrastructure</td>
</tr>
</tbody>
</table>

Links:
- [https://www.metro.net/projects/i-710-corridor-project/](https://www.metro.net/projects/i-710-corridor-project/)
### BAAQMD Wood Smoke Monitoring

<table>
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<th>Objectives</th>
<th>Monitoring</th>
<th>Results/Actions</th>
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</thead>
<tbody>
<tr>
<td>• Impacts remain in San Geronimo Valley from winter-time wood smoke after implementation of no-burn program</td>
<td>• What are the wood smoke impacts to the area and how does it compare to other nearby areas?</td>
<td>• Monitor how wood burning impacts air quality in San Geronimo Valley</td>
<td>• Higher readings were recorded compared to other areas</td>
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<tr>
<td>• Area has no natural gas service</td>
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<td>• Adopt new requirements</td>
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<td>• Limit number of exemptions</td>
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<td>• Require rental properties to install non-wood burning alternatives</td>
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<td>• No wood burning devices allowed in new building construction</td>
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<td>• Provide more incentives for high wood smoke impacted area</td>
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</tbody>
</table>

Links:

Objectives and Scope of Actions- March 19, 2019
West Oakland Monitoring and Action Plan

<table>
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<th>Results/Actions</th>
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</table>
| • Impacts to the community next to port of Oakland and surrounded by freeways  
  • Pollution from the port, trucks                                     | • What are the impacts of emissions from the ports and truck traffic in the community? | • 100 black carbon sensors for 100 days and truck survey of port traffic | • Up to 75% higher at some locations compared to BAAQMD monitoring site                            |
|                                                                         |                                                                           |                                                                           | • Prohibit trains/trucks transporting coal to nearby army base property                                    |
|                                                                         |                                                                           |                                                                           | • Truck management plan                                                                                   |
|                                                                         |                                                                           |                                                                           | • Invest in zero emission equipment                                                                        |

Links:  
# SCAQMD Hexavalent Chromium Monitoring

## Concerns
- Impacts to the communities of Paramount and Compton
- Pollution of air toxic metals from the metal forging, grinding and plating facilities

## Objectives
- Could these facilities pose a significant health risk to the community?

## Monitoring
- Portable samplers at nearly 30 locations
- Mobile platform

## Results/Actions
- High levels observed near facilities, though inconsistent
- Continue air monitoring
- Through enforcement efforts, concentrations decreased
- Adopted new requirements
- Inspections and enforcement
- Facility improvements
- Outreach and collaboration

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**Objectives and Scope of Actions– March 19, 2019**
South Sacramento – Florin Community

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<th>Monitoring (Options)</th>
<th>Results/Desired Actions</th>
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<tr>
<td>Emissions from Hwy 99/traffic</td>
<td>• What portion of emissions from traffic are from heavy duty vehicle vs light duty vehicle? On-road vs. off-road?</td>
<td>• Particulate Matter • Black Carbon • Toxics from diesel and gasoline</td>
<td>• If emissions are found to have high proportion from heavy duty vehicles</td>
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<tr>
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<td>• How far does the impact of traffic related pollutants from Hwy 99 extend?</td>
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<td>• Truck complaint system</td>
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<td>• Mobile incentive funding</td>
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<td>• Low emission and zero emission heavy duty vehicle incentives</td>
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<td>• If emissions are found to have high proportion from light duty vehicles</td>
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<td>• Low emission and zero emission light duty incentives (ex. Clean Cars 4 All Program)</td>
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<td>• Increased alternative fueling stations</td>
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Year 1 Projects

**EV School Bus**
- Innovative Technology
- E-Lion = replacing 15-25 cars
- Idling = Zero Pollution
- Significantly quieter

**Mobility Hubs**
- **Flexible E-Mobility Options**
- **Innovative Technology**
- **EV Library**
- **EV Food Truck**
- **Reducing Vehicle Use**
- **Clean Cars 4 All**
- **CarShare:**
  - Personal/Family Trips
  - Zero Emission
  - ZEV Mobility Flexibility
- **EV Micro Shuttle**
  - Replacing 6-10 cars
  - Driver's License Optional
  - Flexible Routes
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

Objectives and Actions – March 19, 2019
South Sacramento – Florin Community

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Wrap-up & Next Steps
Action Requested: Recommendations from Steering Committee on objectives
Adjourn
Next meeting: March 26, 2019
Location change?