San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

# Agenda for Stockton Community Steering Committee Meeting #6

Wednesday, August 5, 2020 – 5:00 pm - 7:00 pm

**Public Participation:** Join via *Facebook Live* - www.facebook.com/valleyair

Comments and questions posted on Facebook or submitted to ab617@valleyair.org during the meeting will be addressed during the meeting's public comment period

**Stockton Community Status Update (attached):**
**http://community.valleyair.org/media/1752/stockton-status-update.pdf**

**5:00 p.m.** **Welcome, Introductions**
*Hanna Stelmakhovych, Facilitator, Institute for Local Government*
*Ryan Hayashi, Deputy Air Pollution Control Officer, Valley Air District*
*Douglas Vigil, Community Co-host, Stockton Community Resident*

**5:10 p.m.** **Introduction to Community Emission Reduction Program (CERP)**
Overview of CERP strategy components and timeline for developing measures to reduce air pollution from community sources of concern
*Valley Air District Staff*

**5:20 p.m.** **Community Emission Reduction Program (CERP) Strategies Exercise**
Beginning the process to work with community on developing CERP strategies. Breakout discussions aimed at introducing and building upon strategies to reduce air pollution from the sources of concern discussed over the past several meetings.
*Valley Air District Staff*

**6:35 p.m.** **Community Air Monitoring Proposal**
Community to consider air monitoring network design (attached) based on community input, looking to work with the committee to finalize plan.
*Valley Air District Staff*

**6:50 p.m.** **Wrap Up/Next Steps**
Resident Community Steering Committee member stipends
*Ryan Hayashi, Valley Air District*
*Hanna Stelmakhovych, Facilitator*

**6:55 p.m.** **Public Comment**

**REMINDERS**

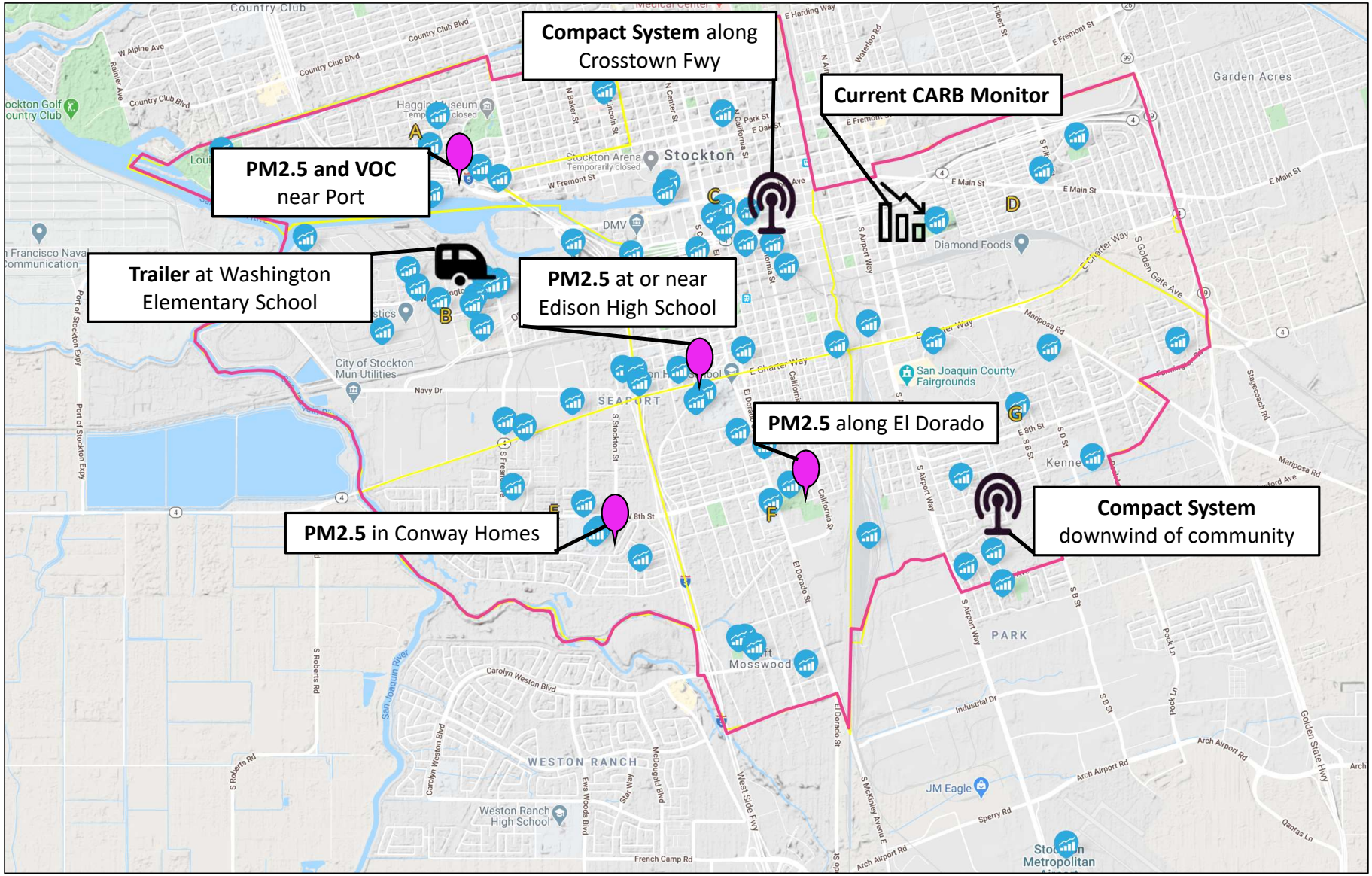
- Next meeting September 2, 2020, via Zoom for CSC members and Facebook Live for public

*To request Spanish interpreting services, please contact Jaime Holt or Heather Heinks at (559) 230-6000 or AB617@valleyair.org at least 7 days prior to the meeting date.*

# Stockton AB 617 Community Steering Committee Meeting Summaries

| Topic | Status | Related Links |
|---|---|---|
| Community Boundary | **4 March 2020:** Community voted on final boundary | Final Boundary |
| Community Steering Committee Charter | **4 March 2020:** Community voted on final charter | Final Community Steering Committee Charter |
| Historical Context for Stockton Community Environmental Justice | **6 May 2020:** Community member presentation to set stage for need for community air protection program | Video of May 6 community discussion |
| Health Impacts of Air Quality | **6 May 2020:** Office of Environmental Health Hazard Assessment (OEHHA) Presentation | OEHHA Presentation |
| Community Air Monitoring Tools | **6 May 2020:** District presentation of current community air monitoring tools | District Air Monitoring Presentation |
| Historial Air Quality Trends | **3 June 2020:** District presentation of Historial Air Quality Trends in Stockton Community | District Historial Air Monitoring Presentation |
| Emissions Inventory (Stationary) | **3 June 2020:** District presentation and breakout group discussions on stationary sources in community | District Presentation on Stationary Source Emissions |
| Emissions Inventory (Mobile, Areawide) | **3 June 2020:** CARB presentation and breakout group discussions on molbe and areawide sources in community | CARB Presentation on DRAFT Mobile and Area Source Emissions |
| Community Sources of Air Quality Concern | **3 June 2020:** Community member discussion on sources of air quality concerns | Sources of Concern Summary |
| Community Air Monitroring Network | **1 July 2020:** Community member discussion and consensus on air monitoring network design | Proposed Community Air Monitoring Network |

# Proposed Stockton Community Air Monitoring Plan




**PM2.5 Monitor**

**Compact Air Monitoring System:**
PM2.5
Black carbon
SO2
NO2/NO
VOC

**Trailer**
PM2.5
Black carbon
Ozone
CO
NO2/NO
H2S/SO2
VOC
Toxics

**CARB Monitor**
PM2.5
Ozone
NO2/NO
Toxics

**Mobile Monitoring Van**
Drive on regular schedule throughout boundary and respond to community concerns

# Summary of Stockton Proposed Air Monitoring

July 28, 2020

## Section A

Monitoring Equipment:

- Real-time PM2.5 (**BAM 1022**)
- Toxics (VOC speciation sampling)

Comments:

- hard time breathing (VOC)
- nearby fabrication shops (cars, boats, etc) VOCs
- School near port.
- Another potential location for comparison monitoring. Lots of traffic on Acacia Street, east of hospital, lots of residential.
- Maybe a good occasional location for monitoring as we could compare with other more southern monitoring.
- I5 freeway, homeless encampment fires, dust (not sure where dust is from)

## Section B

Monitoring Equipment:

- Real-time PM2.5, black carbon, ozone, CO, NO2/NO, and SO2/H2S (**Air Monitoring Trailer**)
- Toxics (VOC and PM2.5 Speciation Sampling)

Comments:

- Would like information from port pollution form the Port Authority
- Dust, Exhaust Emissions, What exactly goes through the port.
- Port, trucking and traffic pollution
- Charter way, truck idling, heavy industry in the area. High dust as well.
- Intermodal transport. Long wait times at traffic lights
- Intermodal transport. Can sit and idle for a few cycles
- see smoke from industrial facilities, smell seems to be from water and highway
- nearby biomass energy facility; nearby tomato drying operation
- Asthma concerns related to shipping emissions

- concerned with trucks getting on and off freeway
- VOC and NOx per District map
- Exhaust pollution from Port and Factories
- Would like two monitors in this area:
- One near the industrial area and one at the school
- aka Crosstown Freeway or Highway 4
- concern with entire freeway
- High diesel traffic, in the area.
- ask Stockton unified for monitoring site
- Past monitoring at this site, possible site for future monitoring.
- diesel particulates, VOC based on map data
- VOC: Darkest on Modeling Map Want to know where this is coming from
- Great area for a more permanent monitor, as near ports and freeways.
- Both A and B area Port Traffic:
- Cargo / Ships and Factories on Port Drive
- Diesel, Smoke, more widespread overarching monitoring.
- Toxic algae bloom as well as trucking routes

## Section C

Monitoring Equipment:

- Real-time black carbon, NO/NO2, SO2, and total VOC (**Compact Air Monitoring System**)
- Real-time PM2.5 (**BAM 1022**)

Comments:

- Little Manila Community
- Lots of industry
- Lots of consistent traffic and DMW, Weber Institute HS and Children's Museum both in the area.
- Transmodal transportation. Long traffic light wait times
- Potential Good location, Traffic from cross-town, traffic from both BNSF and UP and the Slough.
- Eldorado truck route to Hwy 4
- Truck Exhaust
- UNIFIRST linen company does lots of industrial work, Cesar Chavez library also in this area and potentially a spot.
- Arena also driver for traffic as more activity.
- Seasonality related to baseball season
- At times very heavy traffic as is a hot spot for retail.
- Industry and trucking emissions
- Need a monitor for dark square PM2.5

- Preschool, under freeway. Multiple schools in the area.
- High PM, large homeless populations

## Section D

Monitoring Equipment:

- Real-time PM2.5 (**BAM 1022**), if CARB moves

Comments:

- Lots of traffic, close to the HWY 99 and HWY 4. Need one permanent station out in this area. Top pool building at the park might be a possibility.
- Current CARB site, possible site for monitoring as well.
- concern with emissions from busy street
- Intermodal transport and long wait times. Vehicle emissions.

## Section E

Monitoring Equipment:

- Real-time PM2.5 (**BAM 1022**)

Comments:

- Down Wind from Industrial Area
- Not specific regarding location but need a monitor in this section.
- No Specific location: Along I-5 Corridor for road pollution
- School monitoring site.
- San Joaquin School might be another area to catch industrial source downwind issues.
- Need monitoring in this area, Waste Management, Republic Services and Van Co Truck Stop might be potential locations.
- Opportunity for monitoring here, but needs to be accompanied by a monitor close to industrial sources near Charter Way.
- Port emissions and industry emissions

## Section F

Monitoring Equipment:

- Real-time PM2.5 (**BAM 1022**)

Comments:

- Taft Center: NOx and VOC's
- barbecue smoke
- Old waste landfill (methane?); I5 emissions
- Taft Elementary School. Also near truck traffic, trains, industrial sources.
- Just south of the outdoor BBQ places. Truck traffic, near trains, industrial area.
- Diesel and Smoke PM.
- Monitoring near school and neighborhood.
- Industry emissions
- lately a lot of homeless fire
- concern with PM2.5 based on District pollution map
- High diesel traffic.
- Freeway, truck washing, and trucking school near Huerta and Edison.
- Overall pollution
- Truck traffic:
- Char broilers
- We agree, on comment that it is indeed a hot stop.

## Section G

Monitoring Equipment:

- Real-time black carbon, NO/NO2, SO2, and total VOC (**Compact Air Monitoring System**)
- Real-time PM2.5 (**BAM 1022**)

Comments:

- mariposa road traffic (using mariposa as bypass) and also Highway 4 (between 99 and I5); Stockton Dirt Track; high traffic on Charter way; emissions from Diamond Foods; also other smaller sources
- Lots of traffic from HWY 99.
- Eastern site for charter way monitoring.
- Transit and possibly airport pollution. Including the airport
- Industry south of area.
- Merlo School and CPFSJ Non-profit. Potential Locations as south of traffic corridors, trains, and fair grounds.
- Monitor everything from the community based on wind data.
- Low birth weight
- Air Port Fly Over area
- Idling trains
- port, airport, Trains

## Mobile Monitoring Throughout Community

Monitoring Equipment:

- black carbon, NO/NO2, SO2/H2S, and total VOC (mobile monitoring van)
- Mobile monitoring van will be used to provide early monitoring prior to implementation of stationary monitors and also to address other areas of concern within the community

## Outside of Boundary

Monitoring Equipment:

- Impact to community already addressed by air monitoring within boundary

Comments:

- Outside boundary, possible monitoring location. Heavy diesel traffic, food truck
- Community near distribution centers, heavy truck traffic.