

# 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 from 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/NO<sub>2</sub>, SO<sub>2</sub>, and total VOC (**Compact Air Monitoring System**)
- Real-time PM<sub>2.5</sub> (**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 PM<sub>2.5</sub>

- 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/NO<sub>2</sub>, SO<sub>2</sub>, and total VOC (**Compact Air Monitoring System**)
- Real-time PM<sub>2.5</sub> (**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/NO<sub>2</sub>, SO<sub>2</sub>/H<sub>2</sub>S, 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.