

# Update on Stockton Community Air Monitoring

Stockton CSC Meeting  
April 6, 2022

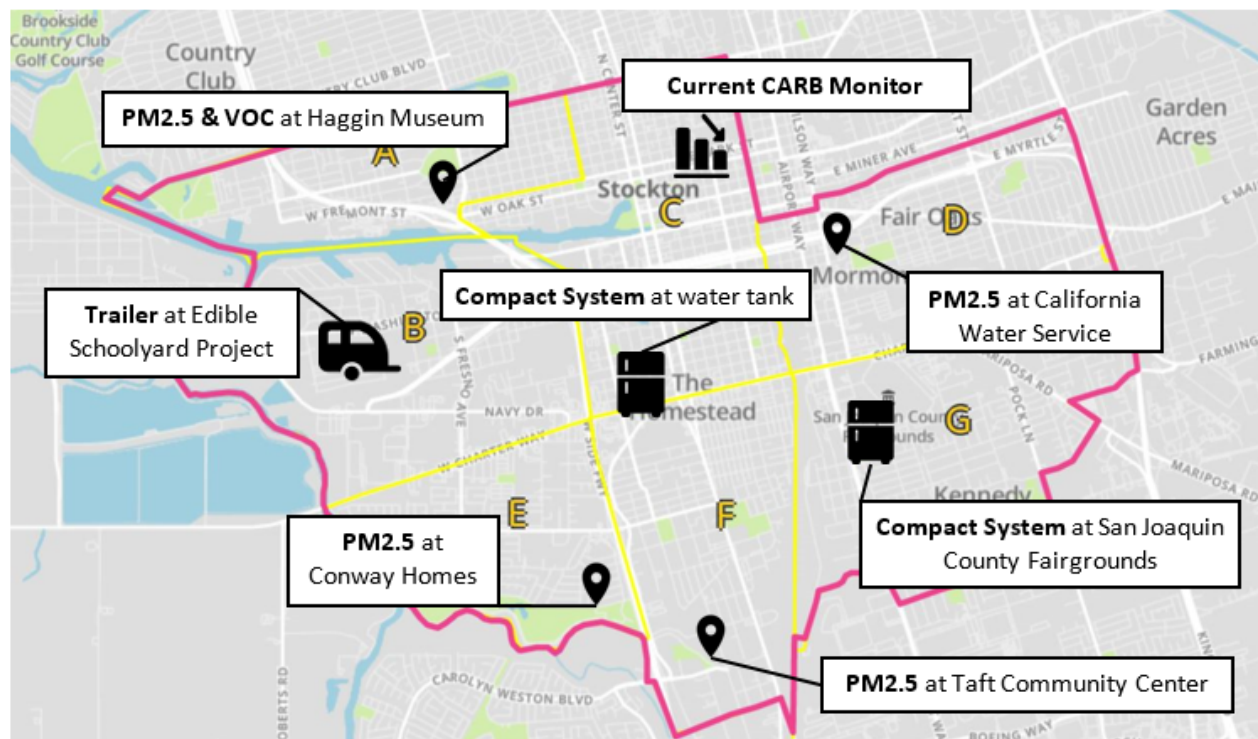
# Air Monitoring Update






Status of Community Air Monitoring Plan Implementation

Review Air Monitoring Data Collected

Questions, Comments, And Recommendations

# CAMP Implementation Status



 <b>Mobile Monitoring Van:</b> respond to community concern	 <b>Compact System:</b> PM2.5, Black Carbon, SO2, NO2/NO, & VOC
 <b>Trailer:</b> PM-2.5, Black Carbon, Ozone, CO, NO2/NO, H2S/SO2, VOC, & Toxics	 <b>CARB Monitor:</b> PM2.5, PM10, Ozone, NO2/NO, CO, & Toxics
 <b>PM2.5 Monitor</b>	

Zone	Location	Installed	Notes
A	Haggin Museum		Awaiting approval of electrical contract
B	Edible Schoolyard Project (Boggs Tract Community Farm)		Awaiting electrical quote from electricians
C	University Park (CARB)	X	CARB installed on October 1, 2021
C	Water Tank (El Dorado St. & E. Clay St.)	X	Installed on March 2, 2022
D	California Water Service Building (E. Lafayette St.)	X	Installed on February 16, 2022
E	Conway Homes or Kipp School in Conway Community		Working with Conway Homes on lease agreement and site
F	Taft Community Center		Awaiting meeting with Taft Community Center
F	Little Manila Center	X	PM2.5 monitor temporarily deployed at Little Manila Center
G	San Joaquin County Fairgrounds		Awaiting final approval of license agreement to use site

# Community Air Monitoring Platforms





# Community Air Monitoring Platforms (cont'd)



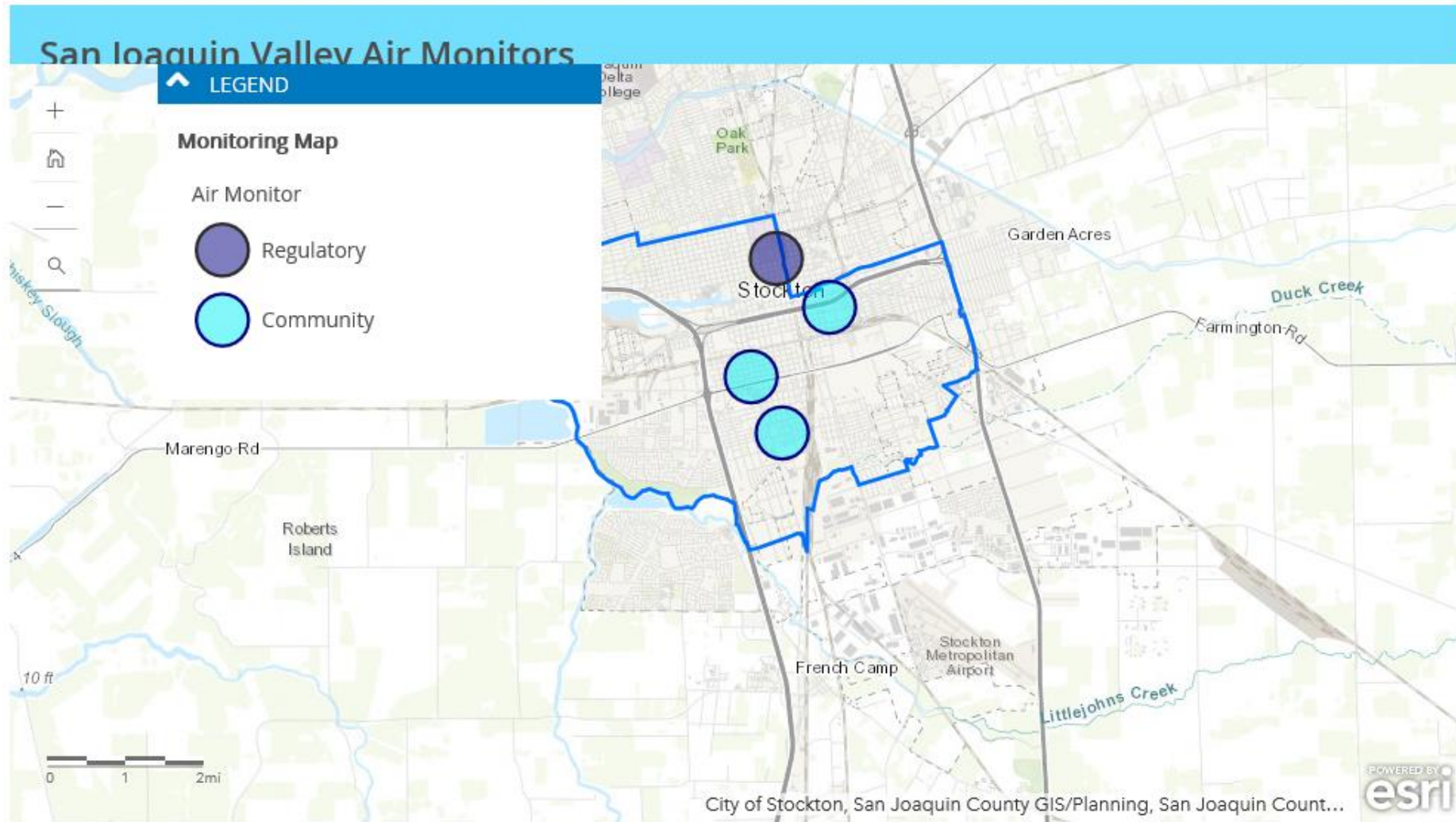


# Community Air Monitoring Platforms (cont'd)



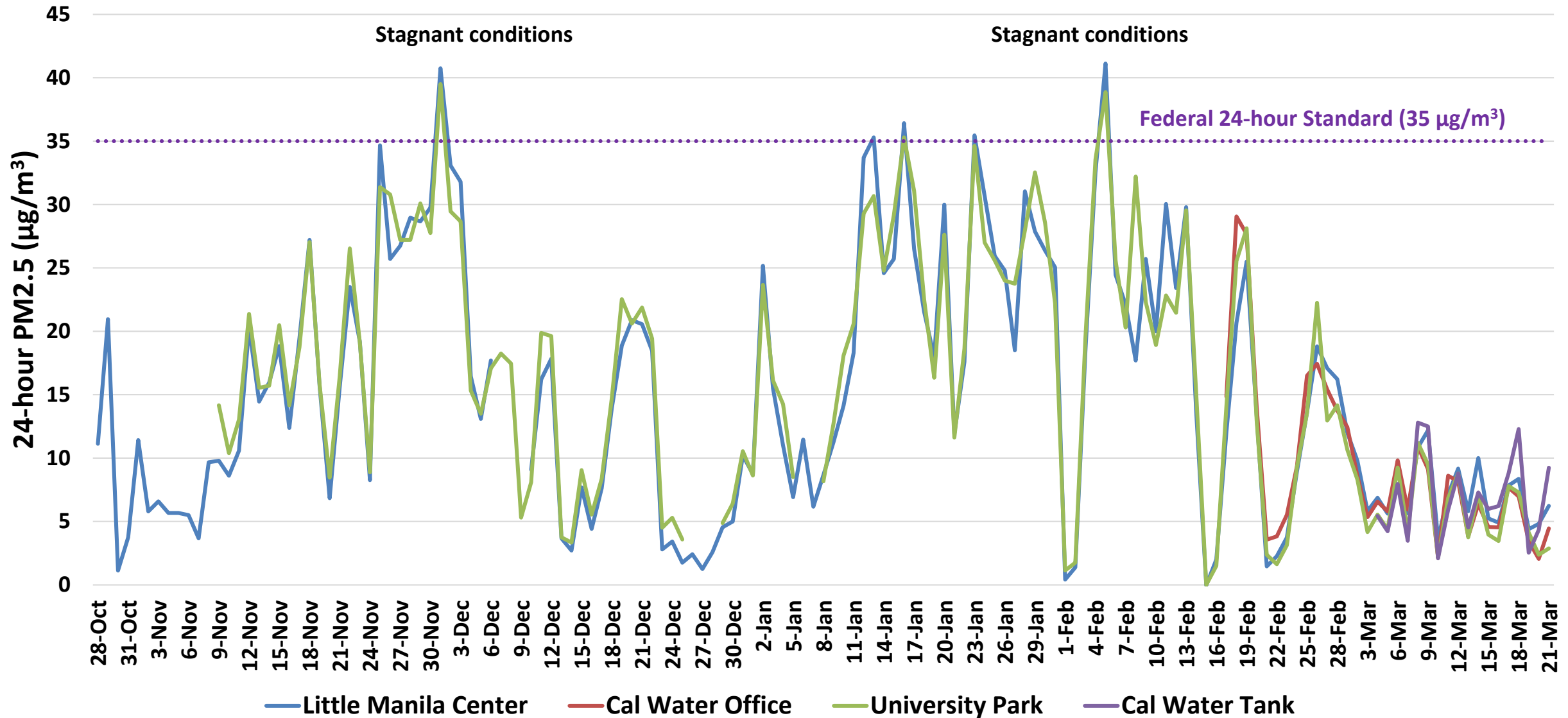


# New Interactive Map



<https://community.valleyair.org/selected-communities/stockton/community-air-monitoring/>

# PM2.5 Daily Average Comparison





# PM2.5 Daily Average Comparison

## October 28, 2021-March 21, 2022

	Highest 24-hour Average PM2.5 (µg/m³)	Oct 2021-Mar 2022 Average PM2.5 (µg/m³)	Average Daily Percent (%) Difference from University-Park
<b>Stockton Community Monitors</b>			
Little Manilla Center	41.1	15.0	-7%
<b>Nearby Regulatory Monitors</b>			
University Park	39.5	16.2	--

*Note: Analysis and comparisons of measurements from Cal Water Office, Cal Water Tank, and other sites will be included in future reports and presentations once more data becomes available (these sites just recently began operating)*

# Summary of Air Monitoring Van Data

## November 2021-March 2022

### Little Manila Center

Pollutant	Measurements	Applicable Standard
Benzene	1.2 ppb (max 1-hour), <0.1 ppb (avg)	8 ppb (1-hour), 1 ppb (annual)
Toluene	5.5 ppb (max 1-hour), 0.1 ppb (avg)	1,327 ppb (1-hour), 111 ppb (annual)
Ethylbenzene	0.5 ppb (max 1-hour), <0.1 ppb (avg)	461 ppb (annual)
Xylene	0.2 ppb (max 1-hour), <0.1 ppb (avg)	5,067 ppb (1-hour), 161 ppb (annual)
PM2.5	41.1 µg/m <sup>3</sup> (max 24-hour)	35 µg/m <sup>3</sup> (24-hour)
Ozone	43.4 ppb (max 8-hour)	70 ppb (8-hour)
CO	6.8 ppm (max 1-hour)	35 ppm (1-hour)
NO2	49.0 ppb (max 1-hour)	100 ppb (1-hour)
SO2	2.4 ppb (max 1-hour)	75 ppb (1-hour)



# Community Air Quality Data

- District AB 617 webpage at: <https://community.valleyair.org/community-air-monitoring>
  - Real-time community air monitoring data
  - Air monitoring data from vans
  - Quarterly reports
  - Weekly air monitoring updates
- CARB's statewide air quality data portal (AQview) displays and provides community air monitoring data from AB 617 communities
  - AQview website located at: <https://ww2.arb.ca.gov/community-air-quality-portal>
  - Air quality data from Valley AB 617 communities available at this website
  - Development ongoing, new features to be added

# Comments/Questions?