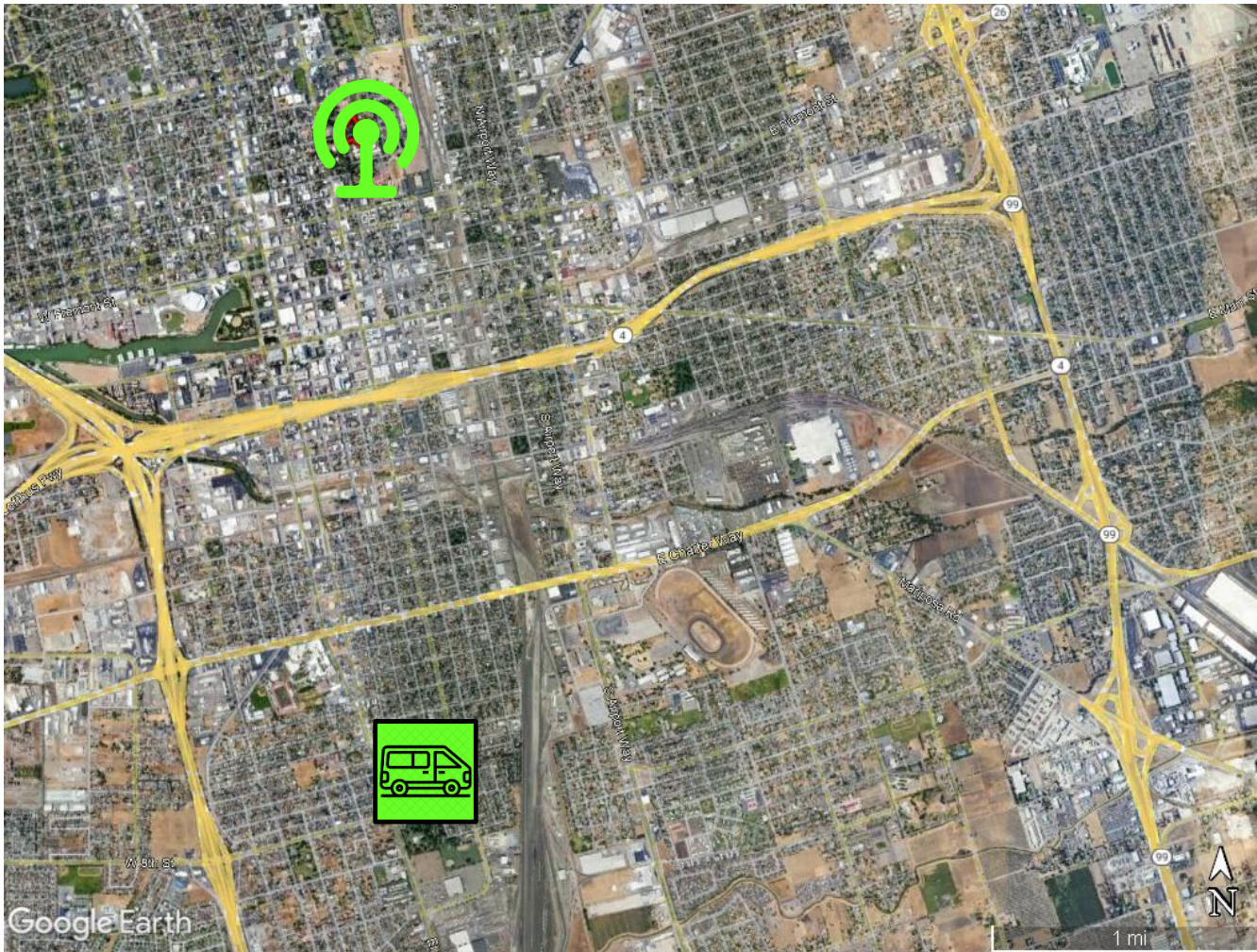


# Community Air Monitoring Update

Stockton CSC Meeting

January 5, 2021

# Air Monitoring at Little Manila Center



- Utilizing van to commence air monitoring, while working on obtaining permission to install air monitors at other sites
- Van monitoring started on November 1, 2021
- Live air monitoring data for van is now available on District website

<https://community.valleyair.org/selecte-d-communities/stockton/community-air-monitoring/little-manila-center/>



# Community Air Monitoring Van



Fine Particulate Matter: **PM2.5**

Ozone: **O3**

Nitrogen Dioxide: **NO2**

Sulfur Dioxide: **SO2**

Carbon Monoxide: **CO**

Various Gaseous Compounds: **BTEX**

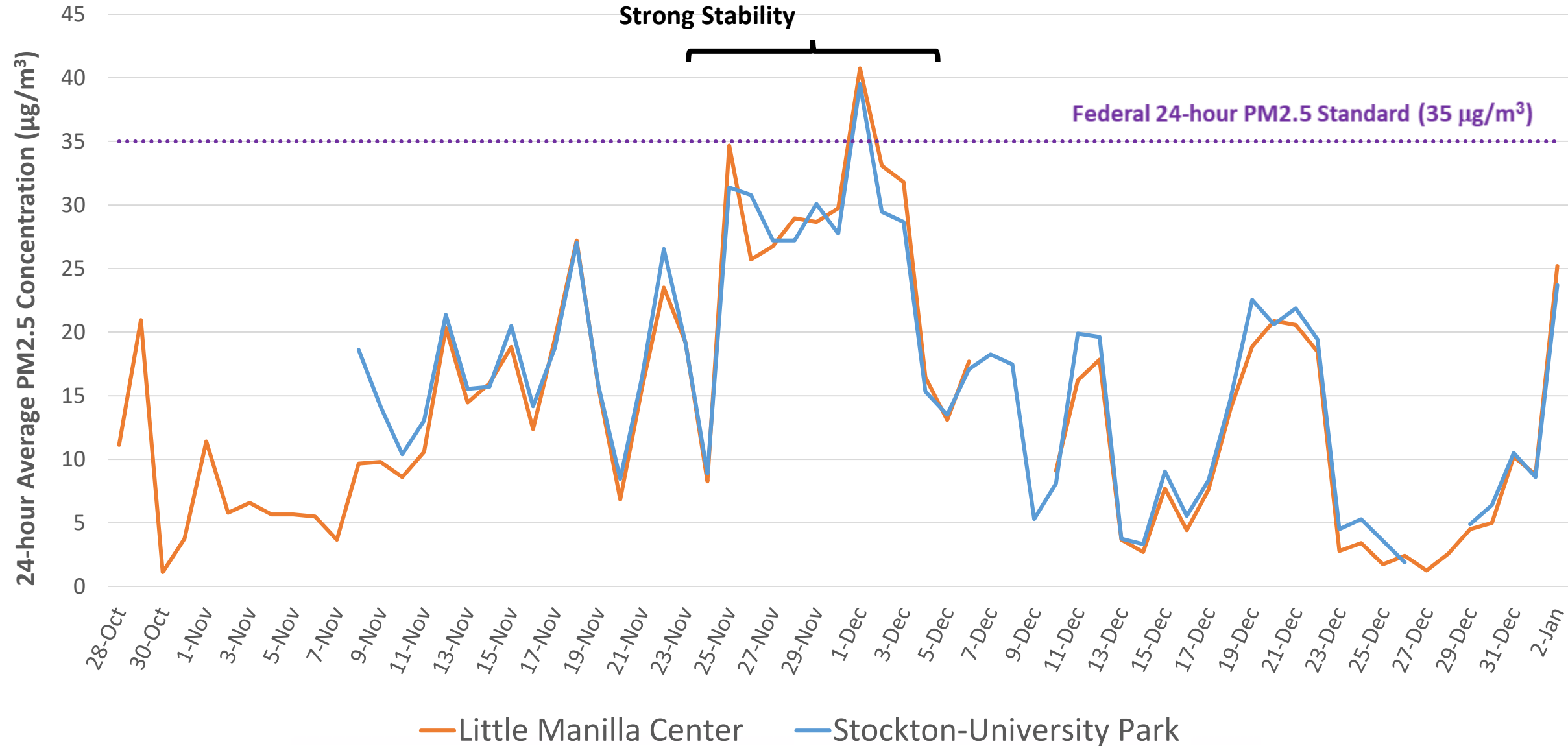
- Benzene
- Ethylbenzene
- Toluene
- Xylene

# Summary of Air Monitoring Van Data

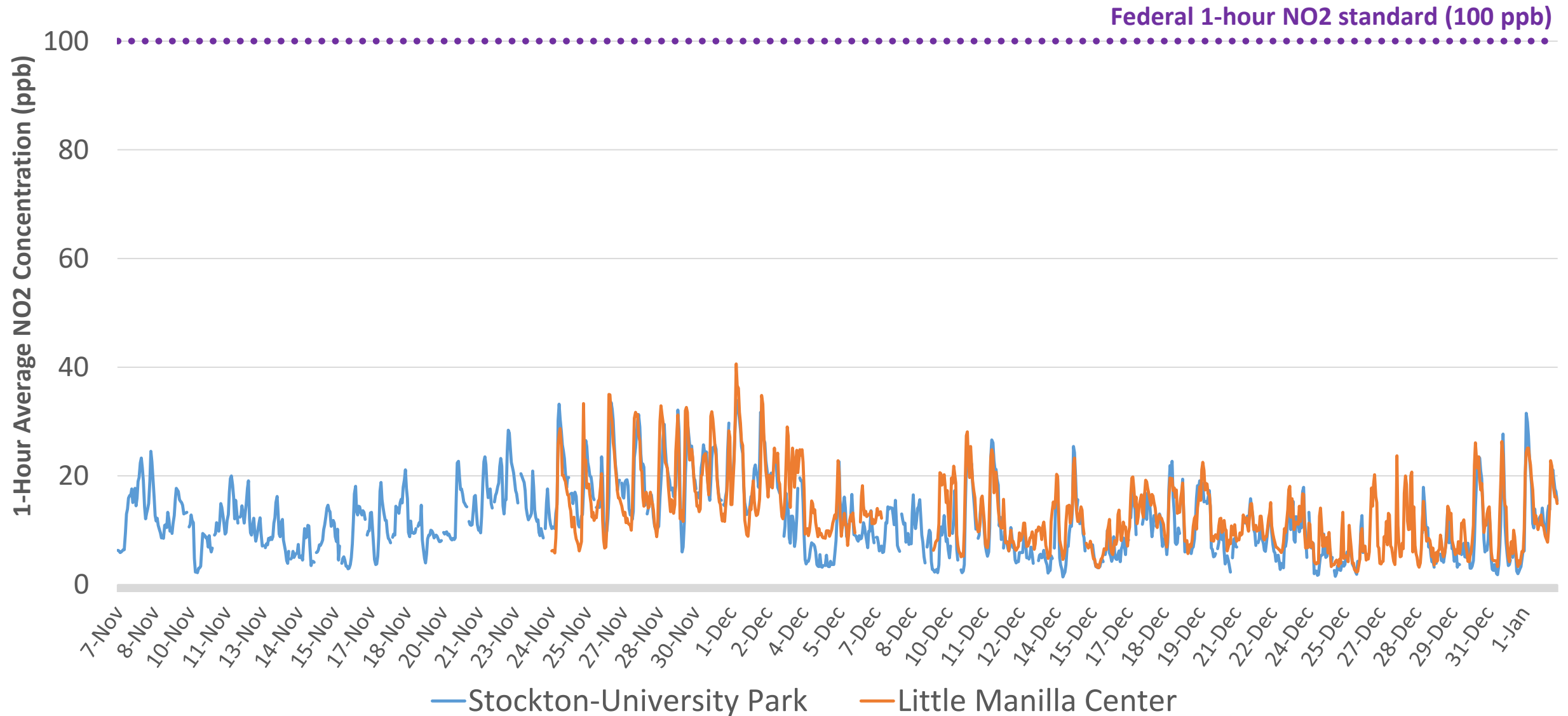
## *November 1, 2021–December 31, 2021*

Pollutant	Average Value Across Period	Peak Value (hourly)	Applicable Standard (hourly)
<b>BTEX</b> ppb	0.0 ppb (Benzene, Ethylbenzene, Xylene) 0.2 ppb (Toluene)	5 ppb (Toluene)	111 ppb (chronic Risk Exposure Level)
<b>PM2.5</b> µg/m <sup>3</sup>	18	41 (24-hr average)	35 (24-hr average)
<b>CO</b> ppm	0.4	2	35
<b>NO2</b> ppb	17	41	100
<b>SO2</b> ppb	0.5	2	75

# PM2.5 Daily Average Comparison



# 1-Hr Average NO2 Comparison



# Monitoring Site Deployment



Site	Monitor	Status
<b>Area A:</b> Haggin Museum	Real Time PM2.5	Contracts approved; Awaiting electrician
<b>Area B:</b> Boggs Tract at the Community Garden	Air Monitoring Trailer	Initial contracts submitted, scheduling electricians
<b>Area C</b>	Multi-Pollutant Monitor	<b>Still looking for appropriate sites</b>
<b>Area D</b>	Real Time PM2.5	<b>Still looking for appropriate sites</b> Post Office denied
<b>Area E:</b> Conway Homes	Real Time PM2.5	Discussing with KIPP Schools in the heart of Conway Homes.
<b>Area F:</b> Taft Community Center	Real Time PM2.5	Discussing with Property Manager
<b>Area G:</b> Fair Grounds or Sierra Vista Housing Authority	Multi-Pollutant Monitor	Fair Grounds approved monitor / SVHA is still considering monitor

# Comments/Questions?