# Meeting Notes: Stockton Air Monitoring Subcommittee Meeting #2
***March 22, 2021***

The air monitoring subcommittee continued its discussion from February 11, 2021 on a potential school location for air monitoring within each recommended of the sections (A through G) of the community air monitoring map that the CSC voted to support during the November 18th steering committee meeting. After review, the subcommittee recommended the following schools for each section, as described below, and displayed in the attached map. The District shared some of the qualities that need to be taken into consideration when selecting locations, including proximity to sources of concern and having a safe place to store the equipment. For some the PM2.5 monitors, the District has found that placing them on a roof is an ideal location, however, this requires the roof to be flat to be able to do so.

**Section A – Victory Elementary (Real-time PM2.5, VOC Speciation Sampling)**
The subcommittee agreed that Victory Elementary School would be a good location due to having a flat roof that provides a good location for installation of the air monitoring equipment. It is also located fairly close to and downwind from the I-5 freeway, providing a good location to capture mobile source emissions and represent an area upwind of the Port of Stockton. Another site considered was One Success School which is close to the freeway, however, it is located below the freeway grade and separated by a high sound wall that could potentially influence air flow from the freeway away from the monitoring equipment. VOC speciation sampling was initially requested for this area due to emission concerns from nearby car and boat fabrication shops.

**Section B – Washington Elementary (Air Monitoring Trailer)**
This school is located near the Port of Stockton and is the only school within this section and was regularly identified by the CSC for having the most comprehensive monitoring in the area. The subcommittee agreed to this location in the previous air monitoring subcommittee meeting. CSC concerns include emissions from the Port of Stockton, DTE Energy, nearby heavy truck traffic, and freeway traffic.

**Section C – Hazelton Elementary (Compact Multi-pollutant Monitor)**
Hazelton Elementary School would be a better location, due to its playground being very close to the I-5 freeway. In addition, the subcommittee expressed concern that there is heavy truck traffic and a railroad just north of Hazelton Elementary School. The CSC also expressed concerns with industrial emissions in this area. In the previous air monitoring subcommittee meeting, Team Charter School was also considered due to its close proximity to the freeway.

**Section D – Roosevelt Elementary (Real-time PM2.5)**
The subcommittee selected this location due to its playground being adjacent to Highway 99 and possible exposure to diesel particulate matter. The CSC also expressed concerns with vehicle emissions from busy streets in this area.

**Section E – Taylor Elementary (Real-time PM2.5)**
The subcommittee selected this school due to its proximity to the I-5 freeway and also for being downwind from the Port of Stockton. The subcommittee asked about the feasibility of monitoring other pollutants since this section is located downwind from the Port of Stockton. The District responded that the air monitoring van has the capability to monitor multiple pollutants and can be deployed to any location of concern to collect data, and could be used in this area at times to measure pollutants beyond PM2.5. CSC concerns include emissions from I-5 freeway, Port of Stockton, and DTE Energy.

**Section F – Taft Elementary (Real-time PM2.5)**

The subcommittee selected this location due to its close proximity to the I-5 freeway and railyard, as well as it being in the southernmost tip of the community, providing a good location for capturing downwind concentrations of PM2.5. The CSC also expressed concerns with industrial emissions in this area.

**Section G – Merlo Institute of Environmental Technology (Compact Multi-pollutant Monitor)**

The subcommittee selected this location due to its proximity to the railyard. In addition, with environmental technology and science curriculum as a major emphasis of the school, operating air monitoring equipment at this location could support student education and expand the understanding of air quality in the Stockton area. The multi-pollutant monitor was selected by the CSC for this area to due to concerns with emissions from the nearby railyard and airport and also high CalEnviroScreen health indicators including asthma, cardiovascular disease, and low birth weight.

**Stockton CAMP Document**

In this meeting, the subcommittee also briefly discussed the draft Stockton CAMP document. Previously, the air monitoring map was approved but the language in the document still needed further discussion, however, some of the CSC wanted to further discuss the language of the CSC. Due to time constraints, it was agreed that the subcommittee would review the draft CAMP document again, submit any comments to the District, and plan another air monitoring subcommittee meeting to discuss the language in the CAMP document again. The subcommittee also recommended the inclusion of language regarding the District's Real-Time Air Advisory Network (RAAN) in the draft CAMP document. The District will ensure that this is included in the next draft of the CAMP document.

# Potential School Sites for Air Monitoring in Stockton

NOTE: Subcommittee recommended sites are in green text