

Questions From a Steering Committee Member on Phase 2 Data (Draft 7/6/2021)

After the Phase 2 Data presentation at the May 25, 2021 Steering Committee Meeting, a Steering Committee Member provided the following questions. Below are the District's responses to the question.

1. Will there be any more discussion on the data from the Phase 2 monitors?

Yes. District staff is also available if you would like to have further discussion (by phone) on the Phase 2 data. Phase 2 data is ongoing, and we will share additional information throughout the year.

2. Why were station 56 readings higher than all the other monitors during the wildfire period of Aug 2020 to Oct 2020 and what happened to the readings of the VFW site monitor when its reading disappeared on the Black Carbon graph?

As stated in our presentation at the May meeting, we are not sure what is causing the spike in the black carbon data during the period from August to October 2020. Further investigation into the issue will need to occur. Our initial look at the minute data showed that that monitor, at times, did not collect any data. The technicians had noticed some issues with the memory card early on, and we suspect that the spike in the data was due to equipment malfunction.

For the readings at the VFW site, the monitor stopped collecting data due to a pump failure. It was removed from the field and sent back to the manufacturer for repairs.

3. Why were we not given a graph of the Toxic VOC data similar to the black carbon chart so we can compare readings from all the phase 2 monitors?

We collected and analyzed for 124 unique VOC species on a 1 in 6 days sampling scheduling. To compare the VOC toxic pollutants, each VOC species will need to be investigated separately by sample date and site. It was not feasible to include graphs of each species in the presentation similar to that of the black carbon data. We have the data available if you would like to look at a specific toxic VOC.

4. Of the 24 sample days (124) valid samples from the phase 2 monitors what where the times and days the samples were taken (more specific did each of the 6 phase 2 monitors take their respective samples on the same days and at the same times of the days?)

The phase 2 samples for metal and VOCs are 24-hour samples, which means that they collect samples for a calendar day (i.e. midnight to midnight). The collection days for phase 2 sites are on the same day.