



Monterey Bay Air Resources District
 24580 Silver Cloud Court, Monterey, CA 93940

MEETING DATE:	August 17, 2022	Regular Agenda
TO:	Board of Directors	
FROM:	Richard Stedman, Air Pollution Control Officer	
SUBJECT:	Accept and File a Report on Daily Eight-Hour Peak Ozone Concentrations, Hourly Peak Ozone Concentrations, PM _{2.5} and PM ₁₀ Air Monitoring Data for the First Half of 2022	

RECOMMENDATION

Receive a presentation and report on daily eight-hour peak ozone concentrations, hourly Peak ozone concentrations, PM_{2.5} and PM₁₀ air monitoring data for the first half of 2022.

DISCUSSION

Summary of 2022 Air Pollution Graphs

One-hour and Eight-Hour Ozone Data: There were no exceedances of the California Ambient Air Quality Standards (CAAQS) or National Ambient Air Quality Standards (NAAQS) for one-hour and eight-hour ozone data observed throughout the first half of 2022. There has been no data identified with any unusual events during this time. MBARD’s area of responsibility, the North Central Coast Air Basin (NCCAB), remains in attainment of both the CAAQS and NAAQS for ozone.

PM-2.5 Data: There were no exceedances of the NAAQS observed throughout the first half of 2022. There has been no data identified with any unusual events during this time. The NCCAB remains in attainment of the NAAQS for PM-2.5

PM-10 Data: There were several exceedances of the CAAQS observed during the first half of 2022 at the King City Air Monitoring Station (AMS) and the Hollister AMS. Ten were in King City on 4/8 at 53µg/m³, 5/19 at 64µg/m³, 5/20 at 51µg/m³, 5/23 at 56µg/m³, 5/24 at 51µg/m³, 5/24 at 61µg/m³, 6/14 at 53µg/m³, 6/15 at 62µg/m³, 6/16 at 62µg/m³, and 6/22 at 61µg/m³; and two were in Hollister on 5/25 at 60µg/m³ and 6/1 at 77µg/m³. There has been no data identified with any unusual events in King City during this time. The events in Hollister were related to construction activities near the AMS. The NCCAB remains in attainment of the NAAQS for PM-10, however, it continues to be in non-attainment of the CAAQS as a result of the exceedances.

San Lorenzo Valley (SLV) PM-2.5 Data: There were no exceedances of the NAAQS observed throughout the first half of 2022. Boulder Creek has missing data due to electrical breaker issues. During this time Clarity low-cost sensors were collocated at the SLV sites. Moving forward, seasonal monitoring in the SLV will be covered by the wildfire smoke monitoring network which includes 30 sensors placed throughout the NCCAB. The seasonal wood-smoke monitors in the San Lorenzo Valley were taken down the first week of May. There has been no data identified with any unusual events during this time.

ATTACHMENTS

Data Graphs for the first half of 2022

