



PARAMOUNT UNIFIED SCHOOL DISTRICT

GREAT THINGS ARE HAPPENING IN PARAMOUNT SCHOOLS



Air Quality Survey Report August-October 2017

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PARAMOUNT UNIFIED SCHOOL DISTRICT

PREPARING STUDENTS FOR COLLEGE AND CAREERS

AIR QUALITY TESTING INFORMATION

The purpose of this study was to measure Hexavalent Chromium (Cr(VI)) at various District sites (Aug 2017):

- Abraham Lincoln Elementary School
- Frank J. Zamboni Middle School
- Leona Jackson Middle School
- Major Lynn Mokler Elementary School
- Wesley Gaines Elementary School



AIR QUALITY TESTING INFORMATION

- The results of the study indicate the following:
- ***No airborne Hexavalent Chromium (Cr(VI)) was detected inside any of the classrooms during the five days of sampling.*** Small quantities of Cr(VI) was detected in the ambient outdoors air from air pollution from local manufacturing during the same sampling period that classrooms were monitored.
- Cr(VI) results inside the classrooms was ***below*** the limit of detection and below the OEHHA NSRL for inhalation of $0.001 \mu\text{g}/\text{m}^3$. Outdoor levels measured ranged from less than 0.39 to $0.40 \mu\text{g}/\text{m}^3$. Additionally, these levels are ***well below*** occupational exposure levels established by California Division of Occupational Safety and Health (DOSH -- better known as Cal/OSHA) as referenced in Table I.



AIR QUALITY TESTING INFORMATION

- The current Heating, Ventilation and Air Conditioning (HVAC) Unit filters MERV 10 are effective in that there was no measurable Cr(VI) inside the room even though there were levels measured outside at two locations.
- Based on the data collected to date, observations and measurements, in terms of potential exposure to Cr(VI), **the classrooms are safe to occupy and for continuous use** with the air handler in operation during all periods of occupancy.
- **Sampling Results:** The sampling results indicate that exposures to all measured parameters, in all areas, were **below** the Cal/OSHA PELs, OEHHA RELs, OEHHA, NSRL, ACGIH TLVs, NIOSH RELs, and ASHRAE recommendations.



Stepping into the future...