



# Paramount Emissions Investigation - Summary of Efforts

## April 2021

### OVERVIEW

South Coast Air Quality Management District (South Coast AQMD) has completed the most extensive hexavalent chromium air monitoring program in the world and is now turning over routine monitoring to the City of Paramount.

### BACKGROUND

Since 2016, South Coast AQMD and the City of Paramount have had a productive partnership, working together with other government agencies to substantially reduce hexavalent chromium emissions and reduce odors in the community. Innovative air monitoring techniques were used in conjunction with complaint response, inspections, enforcement efforts, permitting, source testing and rule development to identify and reduce sources of hexavalent chromium or odors.

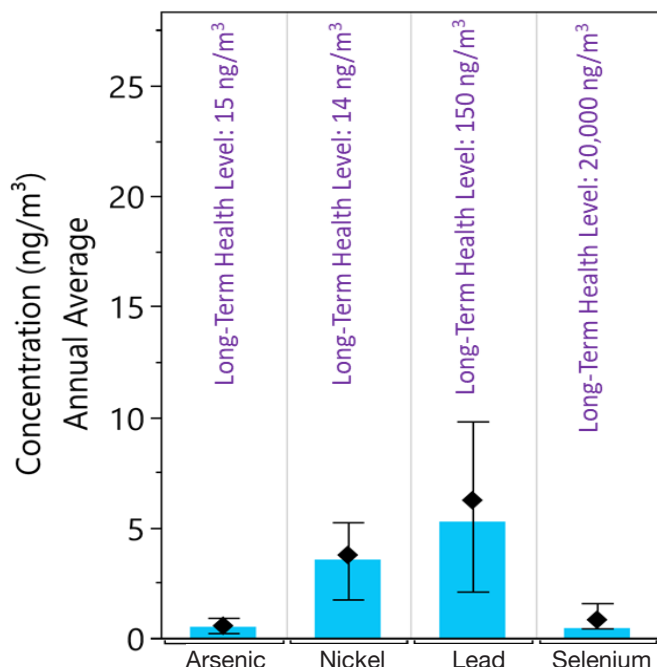
### EXTENSIVE OUTREACH

- Weekly community calls were held (English and Spanish)
- Five town hall meetings
- Comprehensive website with maps and monitoring results posted within 48 hours of analysis

### RECENT AIR MONITORING

Air filter samples were not collected over the last four months due to increased COVID-19 concerns. However, monitoring for multi-metals near Kindred Hospital continued. Levels of total chromium, nickel and other metals have remained consistently low.

### Toxic Metals with Long-Term Health Levels



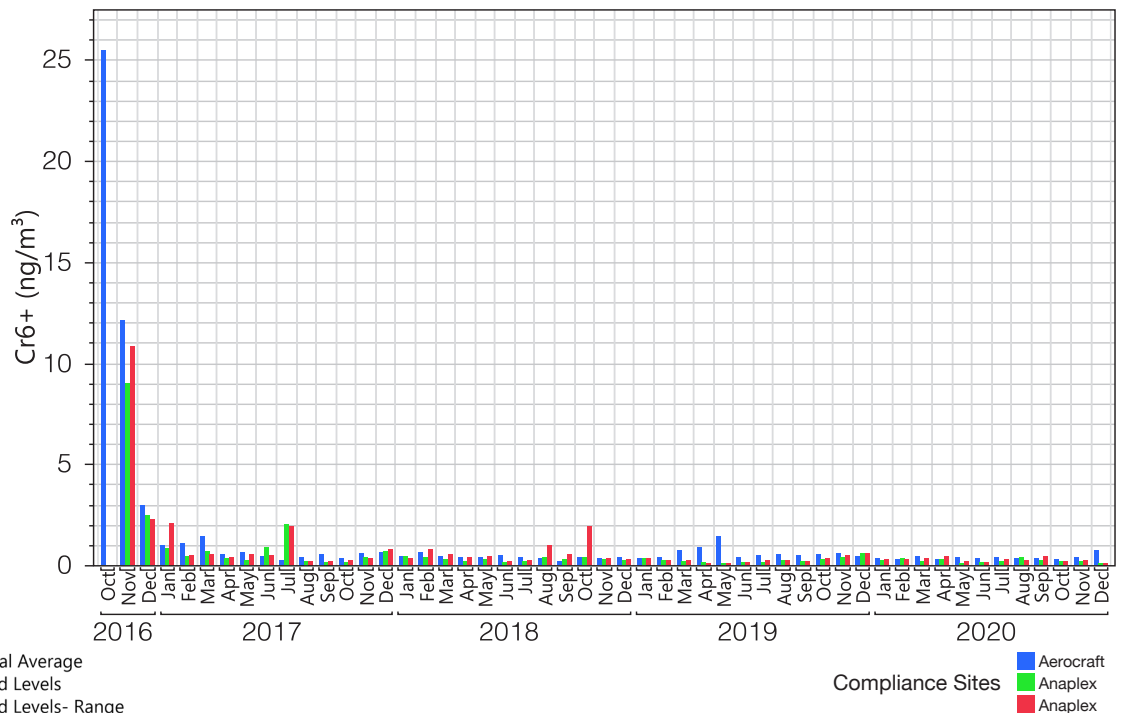
All levels within typical (background) levels and well under long-term health based exposure levels.

### ACTIONS AT A GLANCE

- More than **6,000** hexavalent chromium samples from **38** sites and **10** schools
- 788** multi metals samples
- 148** samples of loose debris
- Emissions testing on **17** pieces of equipment at six facilities
- Notices of Violation issued to facilities resulting in reduced emissions
- Orders for Abatement issued for **4** companies for emissions and odors
- Several rules amended/adopted—including first of its kind requirements for heated chromium tanks



### Monthly Average Results of Hexavalent Chromium Near Facilities



### NEXT STEPS

- Following this unprecedented four-year effort, readings are generally low and stable and odor complaints have decreased.
- City of Paramount will now take over routine monitoring using monitors purchased in 2017.
- South Coast AQMD will provide technical assistance for contractor selection, monitoring location, and sampling frequency and analysis.
- South Coast AQMD will continue to respond to complaints, perform inspections and ensure compliance with our rules and permit conditions.