

Paramount Air Monitoring Update



Paramount City Council Meeting
June 5, 2018

2

Unprecedented Air Quality Effort to Protect Public Health

- Largest local air monitoring, compliance and enforcement campaign in SCAQMD history
- October 2016 to Present
- Estimated total cost: Over \$2 million
- Results
 - Initial elevated levels of hexavalent chromium reduced in three months
 - Hexavalent chromium levels have been low at all sites since November 2017



External Collaboration

3

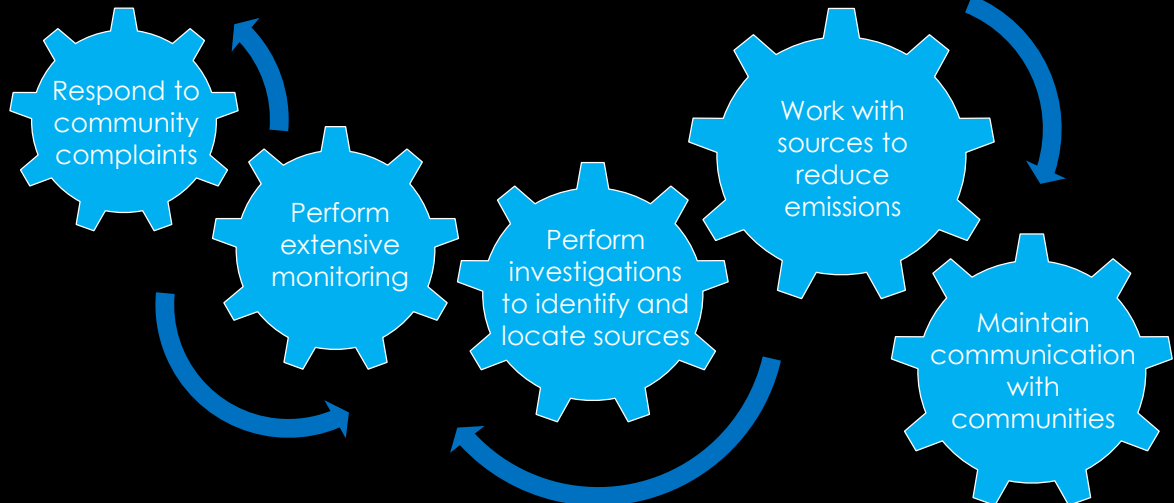


- Multi-Agency Task Force
- Agency Complaint Referrals
- Cross-Training
- Information Sharing
- Notice of Violation Sent to Cities
- Weekly Agency Calls
- Town Hall Meetings
- Website Updates
- Ad-Hoc and Committee Meetings



Strategies for Hexavalent Chrome Investigations

4





Inspection Activities

Inspection Activity	Paramount and Long Beach (North)
Active Facilities with SCAQMD Permits	907
Concentrated Efforts	November 2016 – April 2017
Facility Inspections	1,956
Survey Inspections	56
Complaints	4,159
Notices to Comply	815
Notices of Violation	237

Statistics From 1/1/2013 – 5/25/18



Paramount Air Monitoring

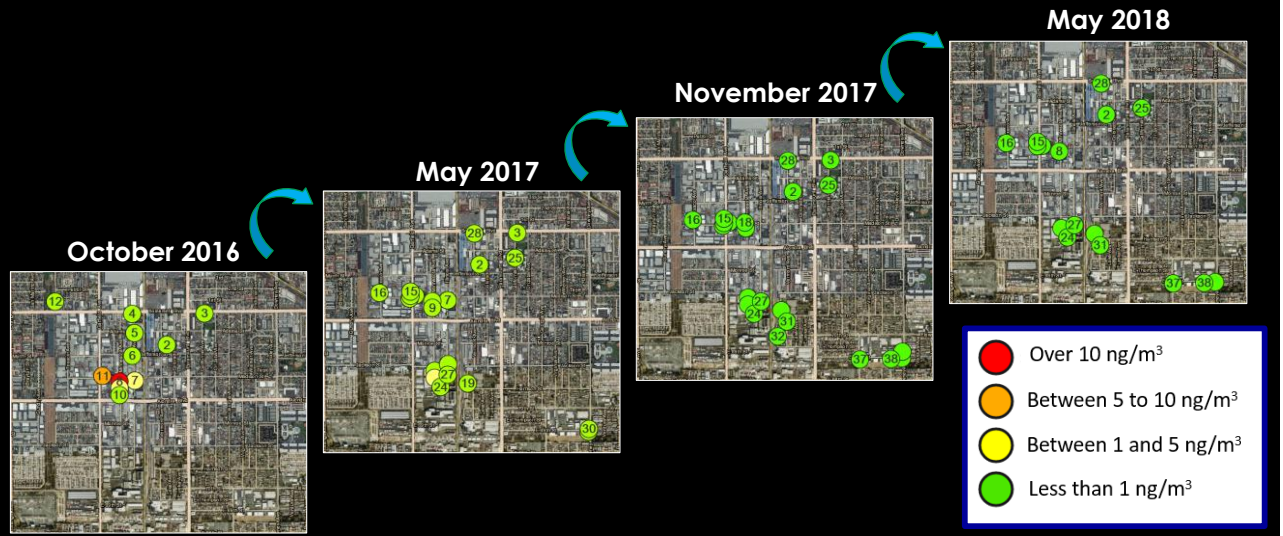
- SCAQMD has conducted air monitoring since October 2016
 - 38 sites
 - 10 additional school sites w/ CARB
- On-site testing at select facilities
- Finalized measurement results available online at www.aqmd.gov





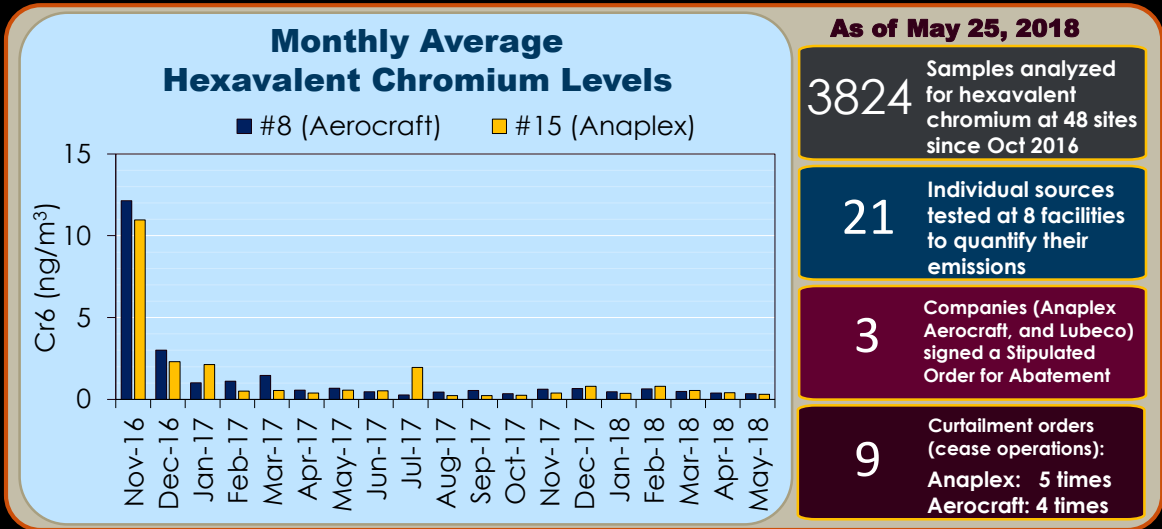
Monthly Average Levels of Hexavalent Chromium

7



Paramount Air Monitoring

8

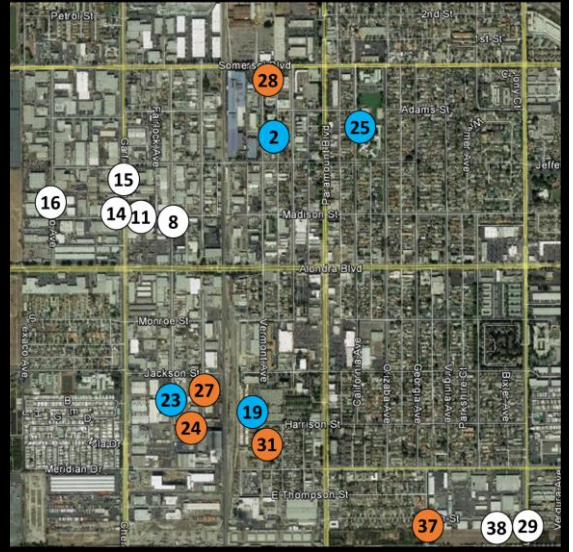




Updated Air Monitoring Plan for Paramount

9

- Continue monitoring with **1-in-6 day** sampling frequency
- Continue monitoring with **1-in-3 day** sampling frequency until the Orders of Abatement have been lifted
- Locations that have concluded sampling on a regular basis



Additional Efforts to Find Metal Sources

10

- Real-time Mobile Monitoring of Total Metals (UCSD/ CARB)
- Real-time Mobile Monitoring of Total Metals and Cr6+ (Aerodyne Research/ Desert Research Institute)
- Concrete Construction Pilot Study
- Furnace Study to Characterize Sources of Cr6+ (UCR)





Next Steps

- Continue to inspect facilities routinely and respond to community concerns (1-800-CUT-SMOG)
- Continue air monitoring in Paramount with the updated plan
- Work with City of Paramount on transition plan
- Continue rule development efforts to reduce metal emissions from facilities
- SCAQMD Town Hall Meeting on June 20, 2018