

Town Hall Meeting



June 20, 2018

UPDATE ON OVERALL EFFORTS



Unprecedented Air Quality Effort to Protect Public Health

- One of the largest local air monitoring, compliance and enforcement campaigns in SCAQMD history
- October 2016 to Present
- Results
 - Initial elevated levels of hexavalent chromium reduced in three months
 - Hexavalent chromium levels have been low at all sites since November 2017

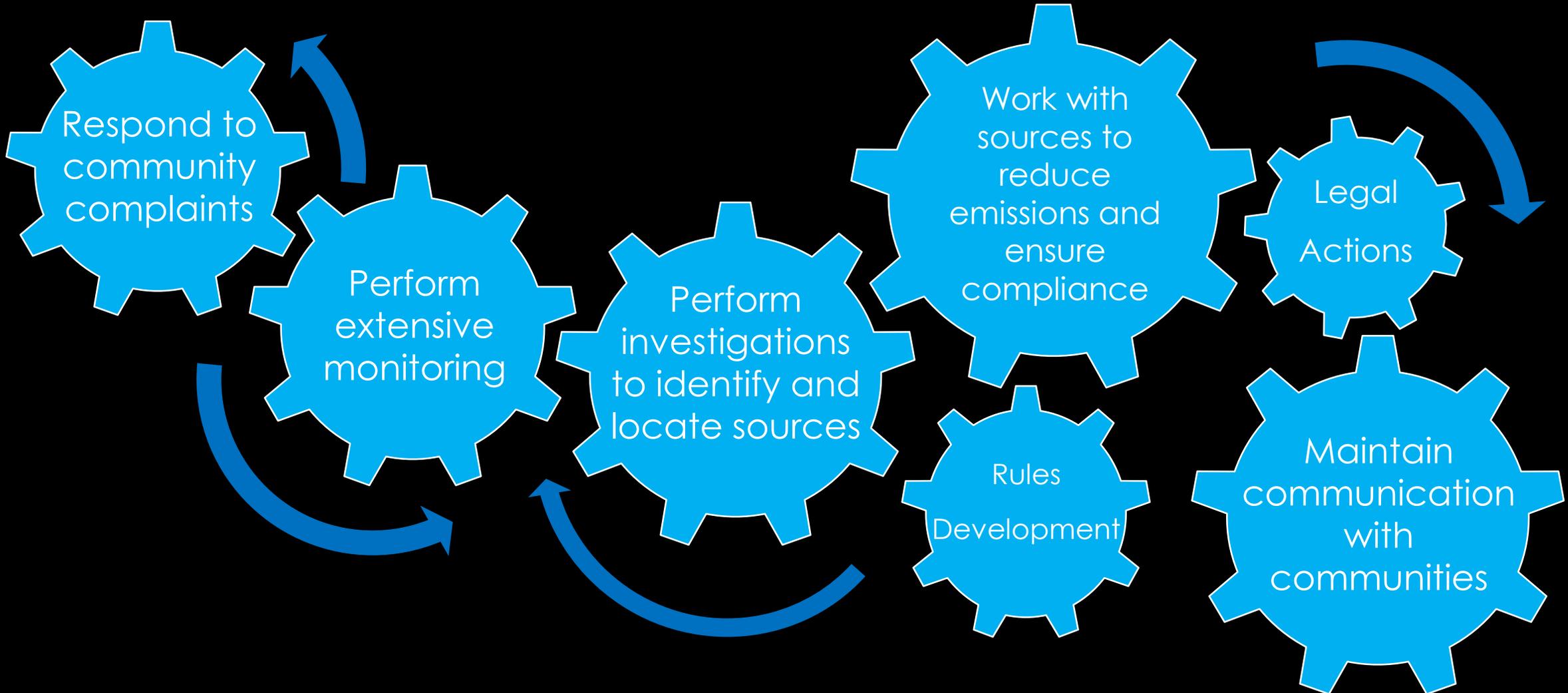
Collaboration and Information Sharing



- Multi-Agency Task Force: over 50 conference calls
- Agency Complaint Referrals
- Cross-Training
- Information Sharing
- Notice of Violation Sent to Cities
- Ad-Hoc and Committee Meetings
- 32 conference calls with elected officials
- 26 community conference calls (scheduled for evening hours, bilingual)
- 6 Town Hall meetings and numerous community meetings and events
- Regular updates to SCAQMD website



Strategies for Hexavalent Chromium Investigations



RULE 1430: METAL GRINDING AT FORGING FACILITIES



- SCAQMD Board approved Rule 1430 in March 2017
- Control toxic metal particulate emissions from grinding operations at metal forging facilities
- 22 facilities
- Requirements for air pollution controls, HEPA filtration, total enclosures (some with negative air), and housekeeping measures

SCAQMD Toxics Rule Development



Toxics in Soil (Rule 1466)

Monitoring and controls for earthmoving contaminated soils

Adopted
July 2017

Lead Sources (Rule 1420)

Controls lead emissions from metal melting operations

Amended
Dec 2017

Metal Plating (PAR 1469)

Controls emissions from electroplating and anodizing operations

Public Hearing
Sept 2018

Metal Melting (PAR 1407 and 1407.1)

Controls emissions from metal melting operations

Public Hearing
Nov/Dec 2018

Toxic Monitoring (PR 1480)

Toxics Monitoring

Public Hearing
Dec 2018

Metal Heat Treating (PR 1435)

Controls emissions from heat treating

Public Hearing
2019

UPDATE ON COMPLIANCE EFFORTS





Inspection Activities

Inspection Activity	Paramount and Long Beach	Paramount Only	North Long Beach Only (90805)
Active Facilities with SCAQMD Permits	907	122	94
Concentrated Efforts	November 2016 – April 2017		
Facility Inspections	1,956	469	174
Survey Inspections	58	56	2
Complaints	4,159	1,320	519
Notices to Comply	815	170	83
Notices of Violation	237	72	29

Statistics From 1/1/2013 – 5/25/18



Legal Actions -- 2016 to Present

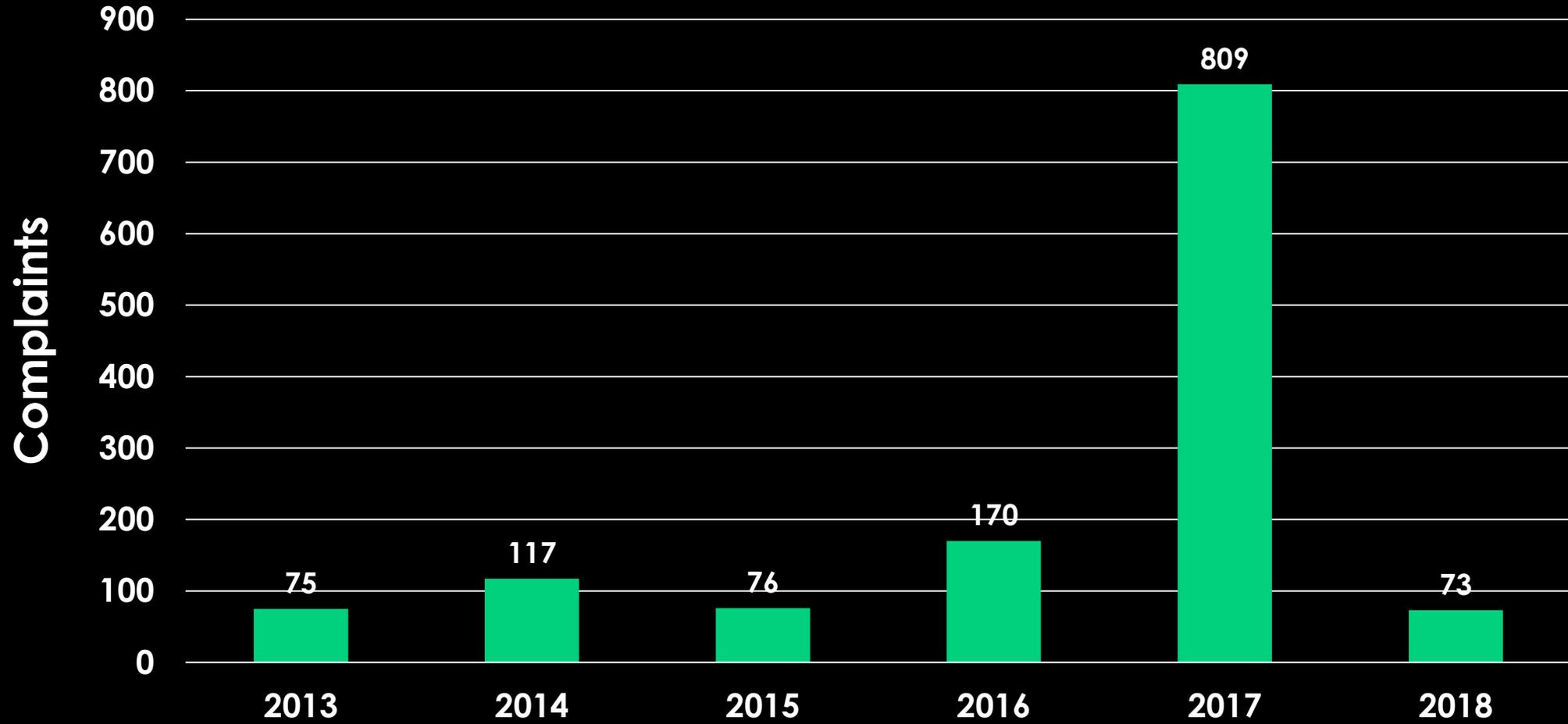
Hearing Board approved Orders for Abatement to address issues for each facility:

- *Anaplex
- *Aerocraft
- Carlton Forge
- *Lubeco (North Long Beach)

*Orders for Abatement remain in effect for these facilities.

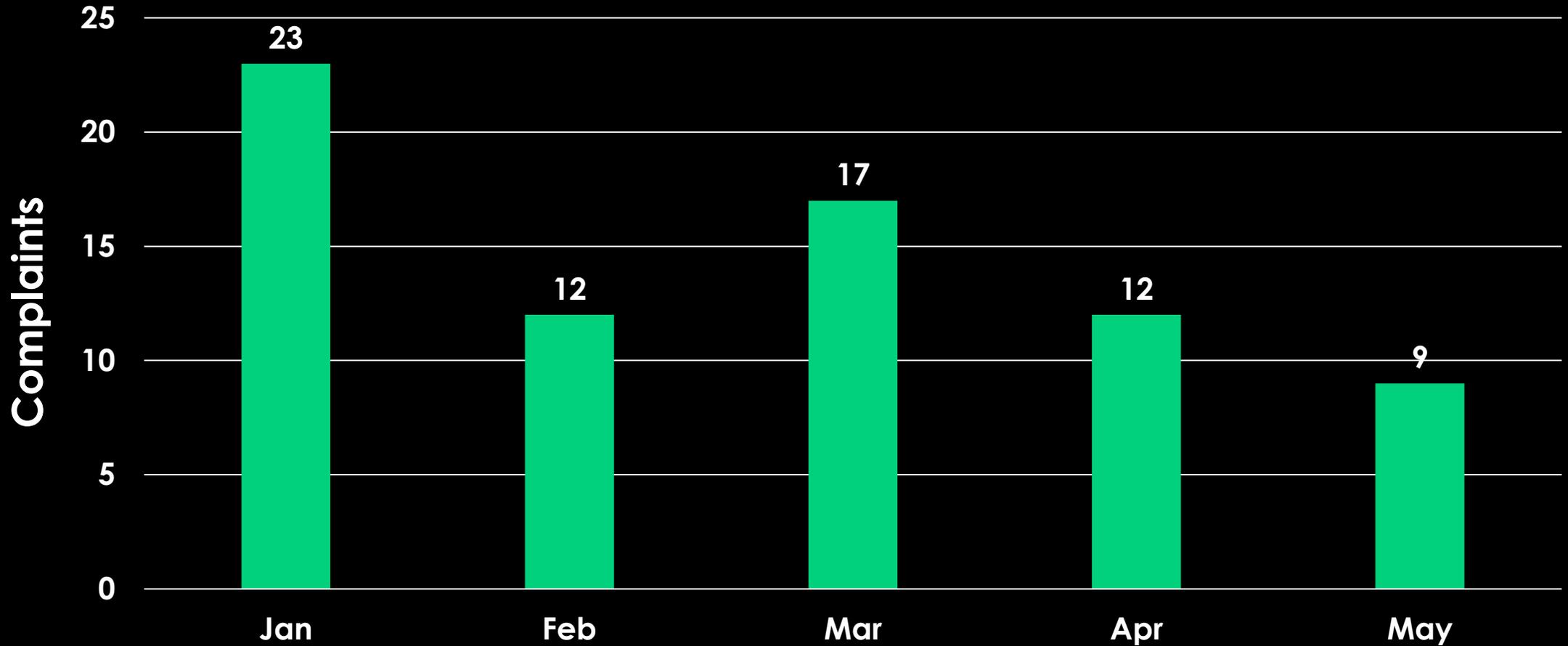


Complaint History - Paramount





Complaint History – Paramount 2018



UPDATE ON MONITORING



Paramount Air Monitoring

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



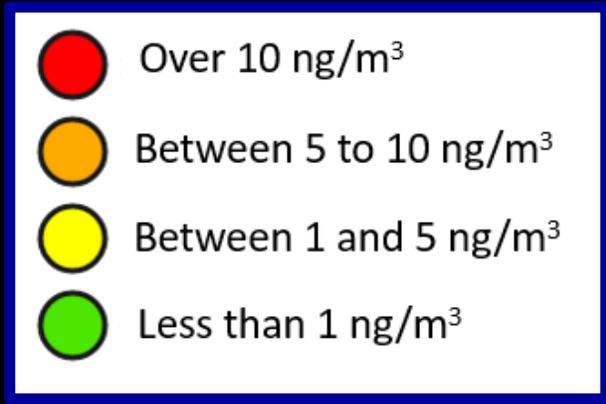
Monthly Average Levels of Hexavalent Chromium

October 2016

May 2017

November 2017

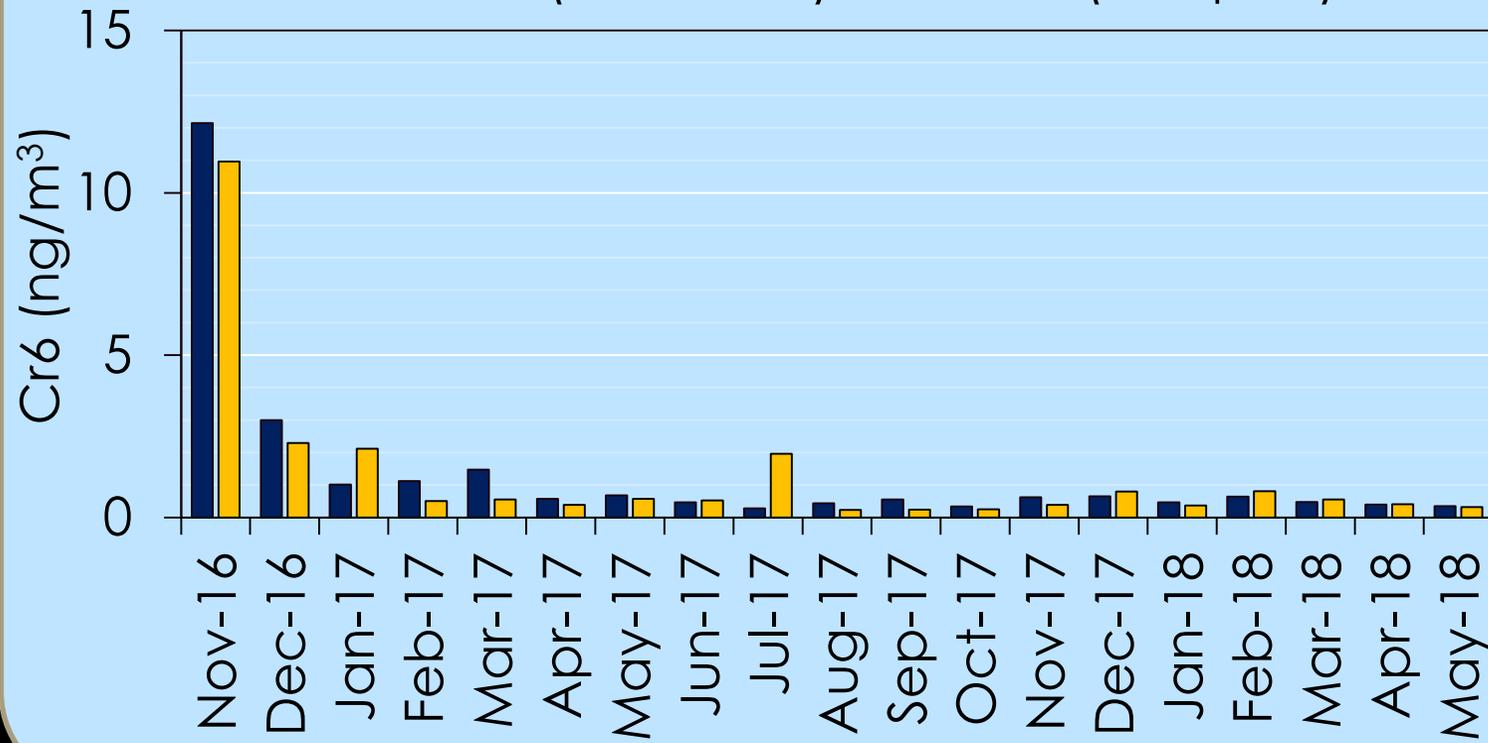
May 2018



Paramount Air Monitoring

Monthly Average Hexavalent Chromium Levels

■ #8 (Aerocraft) ■ #15 (Anaplex)

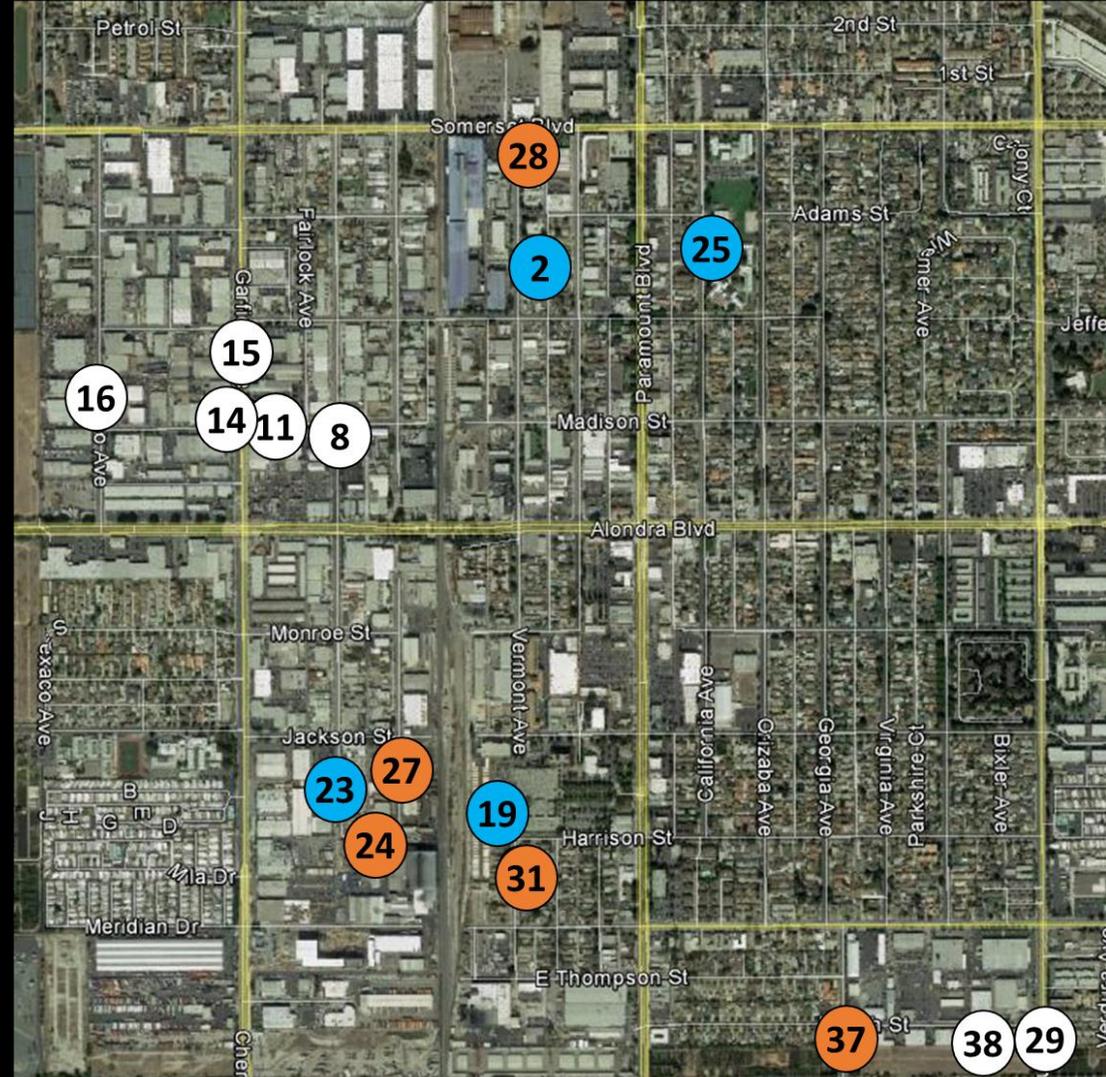


Updated Air Monitoring Plan for Paramount

- 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

- 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 rule development efforts to reduce metal emissions from facilities
- Continue air monitoring in Paramount with the updated plan
- Work with City of Paramount on transition plan