



**Paramount
Town Hall Meeting
June 13, 2017**

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Investigative Approach



Air Monitoring

Purpose is to identify if there are elevated levels of pollutants

First step to identifying a facility or source

Compliance Audits

Purpose is to identify any compliance issues

SCAQMD compliance audits and Multi-agency compliance audits

Information Gathering

Purpose is to visit facility to understand potential sources of emissions and solutions. Site visits conducted by rule, permitting, and monitoring teams.

Sampling and Testing

Collect bulk samples of dust and material and source testing of equipment from key operating areas to correlate air monitoring data with emission sources within facility

Emission Reduction Efforts

Implementation efforts to reduce emissions based on findings. Can be through rule amendments, cooperative efforts, or enforcement actions.

Expanded Hexavalent Chromium Monitoring

- Expanded sampling began October 15, 2016
 - Based upon increased levels of hexavalent chromium observed nearby in 2016
- Sampling and analysis
 - First time saturation technique used for hexavalent chromium measurements
 - 24-hour samples, collected once every three days, mounted on light poles
 - Analysis of hexavalent chromium in air is challenging and is conducted at SCAQMD laboratory
- Some monitors are moved to new locations after sufficient data has been collected
 - Allows SCAQMD to maximize monitoring efforts to identify sources



Monthly Average Concentrations of Hexavalent Chromium

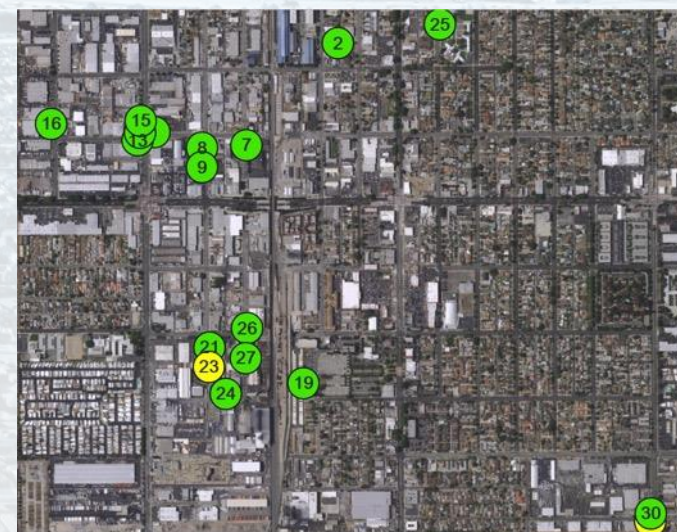
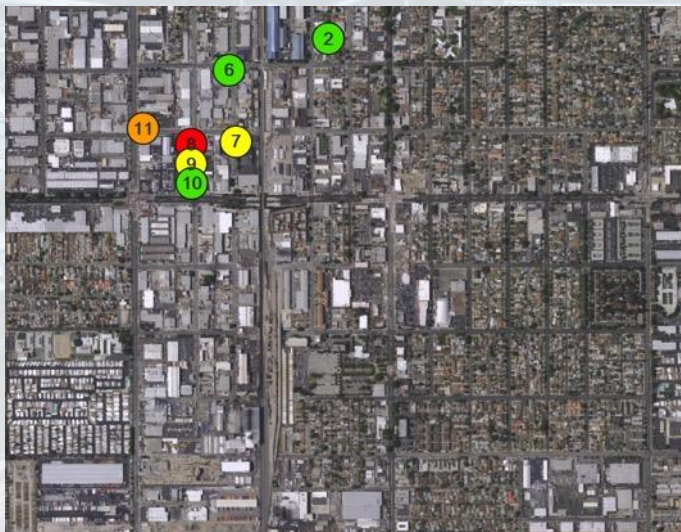
January 2017



October 2016



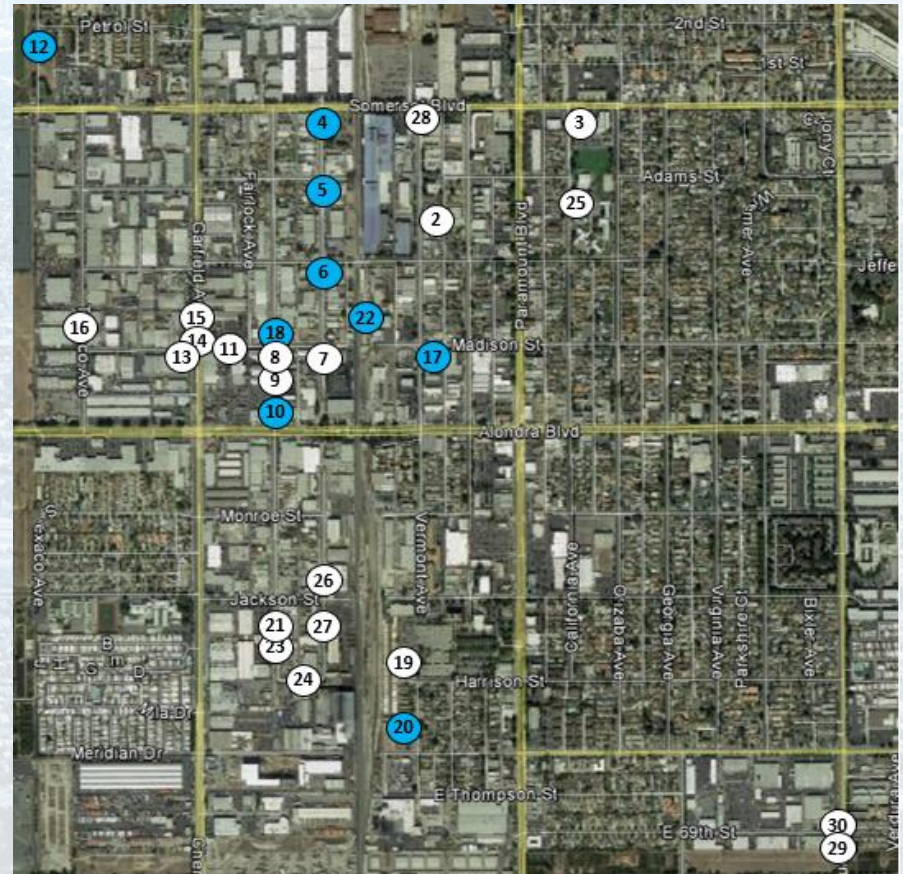
May 2017



Hexavalent Chromium Monitoring

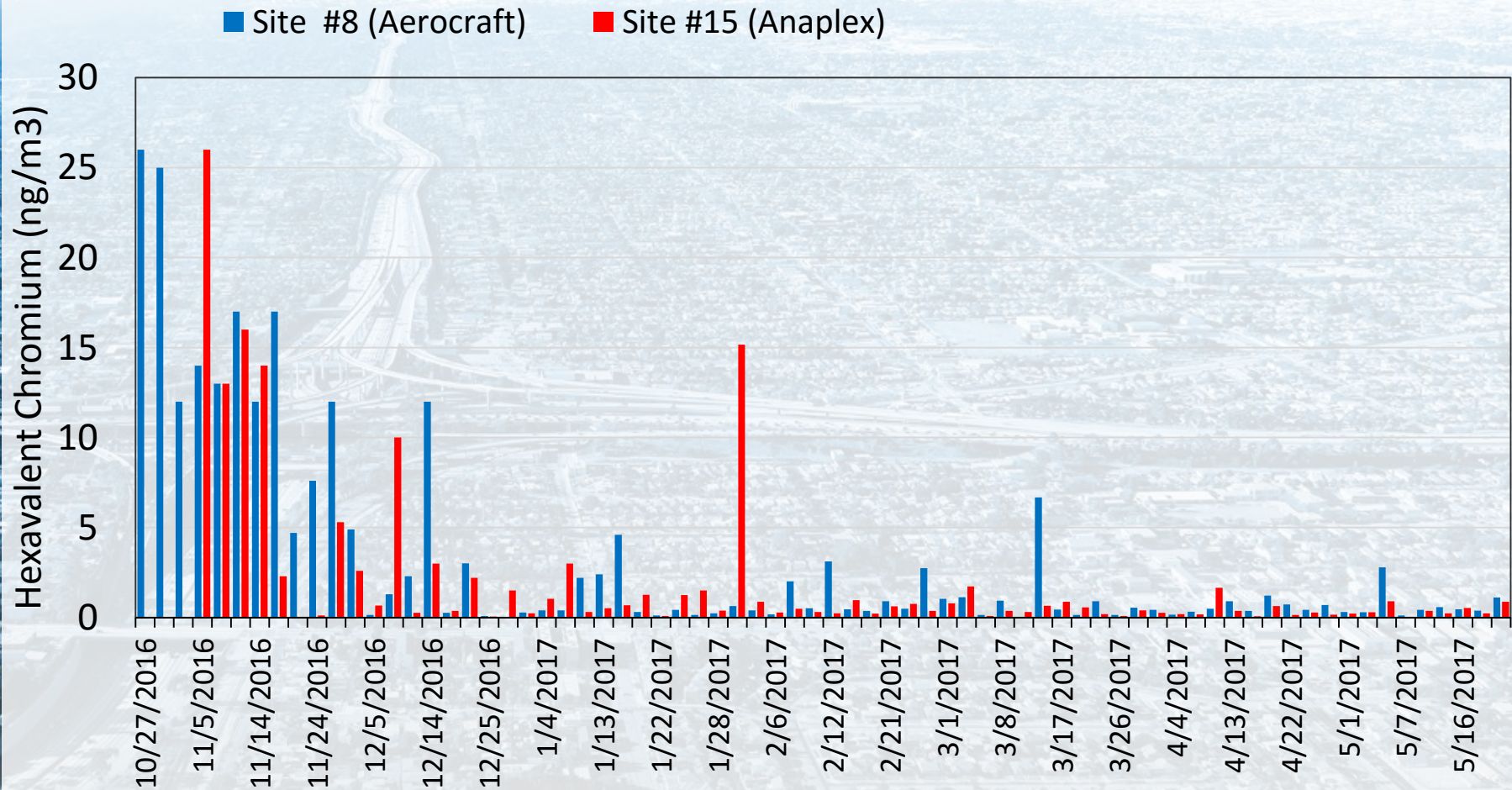
- Since October 2016, conducted monitoring at 30 different locations*
- Currently monitoring at 20 locations*
- Over **1400** ambient samples collected and analyzed from October 2016 through May 2017
- Results on SCAQMD website

*Monitored additional school sites with CARB



- Previous sampling locations
- Current sampling locations

Hexavalent Chromium Levels Near Anaplex and Aerocraft



Source Test Screening Overview

- Conducted initial source testing and sampling at multiple facilities
 - Plating and anodizing tanks
 - Furnaces
 - Quenching tanks
 - Grinding areas
 - Pressing operation
- As reports are finalized, posted to website



Monitoring at Schools

- CARB started collecting samples at schools in Paramount
- City of Paramount provided additional monitors
- To date monitoring at 11 schools
- Levels at the majority of schools similar to background levels
- Planning on continuing to monitor Lincoln, Gaines, and Mokler



OFFICE OF COMPLIANCE AND ENFORCEMENT OVERVIEW

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

SCAQMD Compliance Activities

- Conducted 56 Door-to-Door Inspections
- Conducted 399 Facility Inspections of Various Types of Facilities, Including Metal
- Issued 144 Notices to Comply
- Issued 51 Notices of Violation

Multi-Agency Efforts

Approximately 194 potential metal handling/processing facilities were visited by inspection teams consisting of staff from:

- South Coast Air Quality Management District (SCAQMD)
- City of Paramount Code Enforcement
- LA County Department of Public Health
- LA County Fire - Certified Unified Program Agency (CUPA)
- Department of Toxic Substances Control (DTSC)
- California Air Resources Board (CARB)

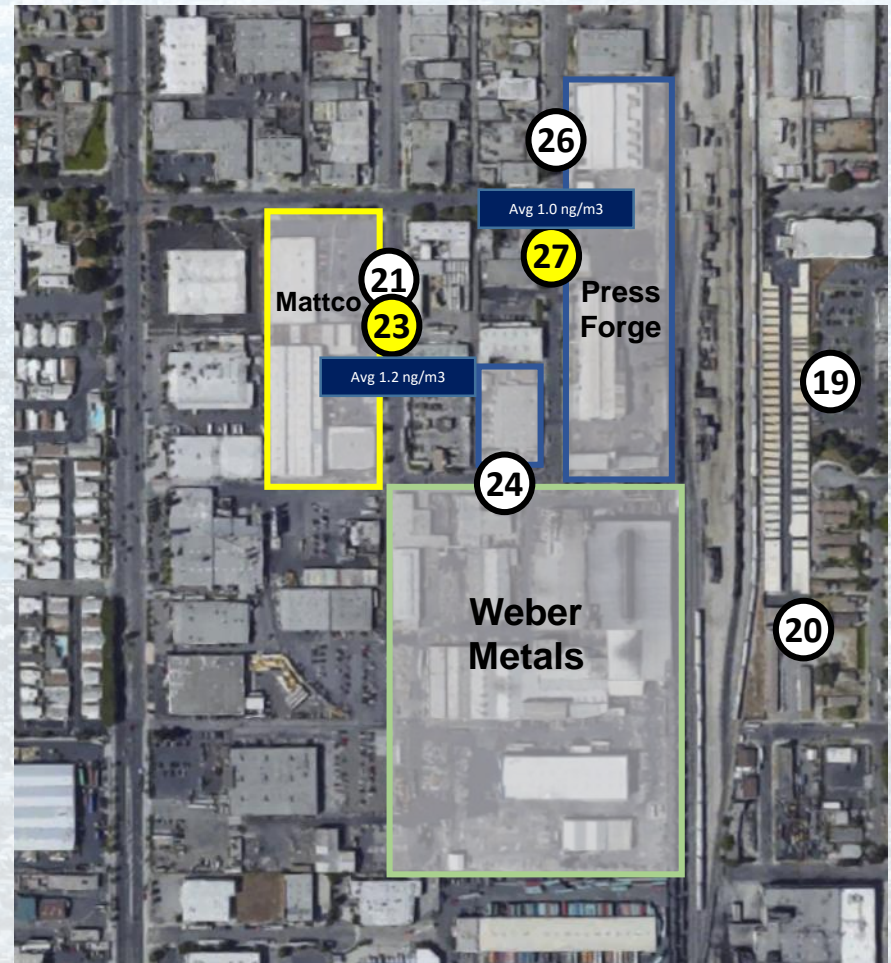


Anaplex and Aerocraft Order for Abatement Status

- Emission reduction actions
- Established a fence line hexavalent chromium limit
- Order has been successful – Curtailments
 - Aerocraft - 4
 - Anaplex – 1
- No curtailments required since March 16, 2017
- Required to further reduce health risks

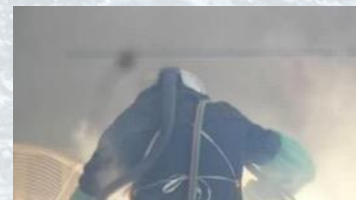
Metal Forging Facilities in South Paramount

- Monitoring in general area began in December 2016
- Average hexavalent chromium levels are:
 - 1.2 ng/m³ for monitor **23** and
 - 1.0 ng/m³ for monitor **27**
- Average for other monitors < 1 ng/m³
- Investigations have focused on all three metal forging facilities



Progress to Date for Southern Paramount

- Emission reductions
 - Facilities voluntarily implementing interim measures to control metal grinding emissions
 - Facilities expediting installation of pollution controls to comply with new SCAQMD rule
- Conducting sampling and source testing inside facilities



Public Outreach

- 20 public conference calls
- 29 coordination/information sharing conference calls with other agencies
- 20 conference calls with elected representatives and/or their staff.
- 5 town hall meetings
- 3 Rule 1430 meetings

How to File an Air Quality Complaint

- File a complaint with SCAQMD for smoke, dust, or excessive odors
- Call 1-800-CUT-SMOG (1-800-288-7664)
- Making Air Quality Complaints (video)

English - <https://youtu.be/2uCXywg7ZEg?t=39s>

Spanish - https://youtu.be/Rhe3pNwq_sQ

- @SouthCoastAQMD



An aerial photograph of a city, likely Los Angeles, showing a complex highway interchange in the foreground and a city skyline in the distance. The image is overlaid with a semi-transparent white rectangle containing the text "Questions & Answers".

Questions & Answers