



# Metal Processing Facilities Monitoring

## Monitoring & Analysis Division

Metal processing facilities are important sources of particulate metals and were identified as an air quality priority in the East Los Angeles, Boyle Heights, West Commerce (ELABHWC), Southeast Los Angeles (SELA), and South Los Angeles (SLA) communities.

Working very closely with Community Steering Committee (CSC), South Coast AQMD staff developed a Community Emissions Reduction Plan (CERP) and Community Air Monitoring Plan (CAMP) strategy to address this air quality concern. This strategy requires the Monitoring and Analysis Division (MAD) and the Office of Compliance and Enforcement (OCE) to use air monitoring data to guide enforcement actions and achieve emission reductions.

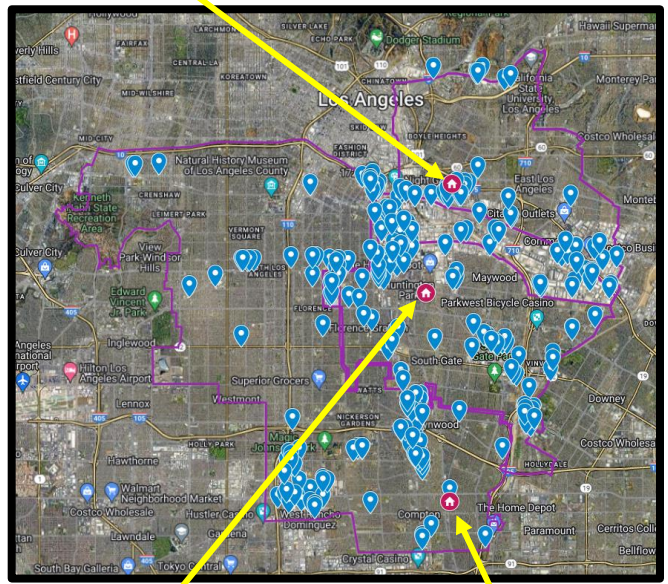
1	<b>Area Surveys</b> 	<ul style="list-style-type: none"> <li>Determine priority areas based on the location of facilities</li> <li>Mobile monitoring in priority areas</li> <li>Identify locations with elevated concentrations</li> </ul>
2	<b>Emission &amp; Exposure Characterization</b> 	<ul style="list-style-type: none"> <li>Identify facilities within areas with elevated levels</li> <li>Conduct measurements near priority facilities and receptors</li> </ul>
3	<b>Compliance Assessment</b> 	<ul style="list-style-type: none"> <li>Identify facilities with potential to contribute to elevated levels</li> <li>Assess inspection and compliance history</li> </ul>
4	<b>Compliance &amp; Enforcement Activities</b> 	<ul style="list-style-type: none"> <li>Conduct onsite inspections</li> <li>Take necessary enforcement action</li> </ul>

MAD staff developed a novel multi-metals mobile platform to support the implementation of CAMPs in ELABHWC, SELA, and SLA communities.



**Resurrection Church  
Air Monitoring Station  
(ELABHWC)**

Continuous measurements  
of multi-metals in PM10  
March 2022 to December 2023



**Huntington Park  
Air Monitoring Station  
(SELA)**

Continuous measurements  
of multi-metals in PM10  
August 2022 to Present



**Compton  
Air Monitoring Station  
(SLA)**

Continuous measurements  
of multi-metals in PM10  
August 2023 to Present