

**Pacoima Spreading Grounds Basin Enhancement Project**  
**Air Quality Monitoring Program**  
**Summary Report for August and September 2024**

1. Background

- During the month of August 2024, real-time monitoring of air pollutants through four monitoring locations (Figure 1) for the Pacoima Spreading Grounds Basin Enhancement Project (Project) was conducted for on site operations.
- Results indicated average ambient PM<sub>10</sub> concentration of 25 - 27 µg/m<sup>3</sup> for all four (4) stations.
- Comparison of upwind and downwind stations at the Pacoima project site with nearest South Coast Air Quality Management District (AQMD) monitoring station (Reseda) PM<sub>2.5</sub> showed similar trends with higher peaks during the first half of the month at the Pacoima site (Figure 2).
- The project was deemed complete at the end of August and decommissioning of all four sites was conducted in September, including removal of all instrumentation and equipment, instrumentation maintenance, and cleaning of site footprints.

2. Field Activity Summary

- The following field activities were continued/initiated:
  - Site electrical work
  - Installing access road curbs and driveways
  - Construction completion checklist walkthrough

3. Air Monitoring Summary

- During staging and hauling activities, real-time monitoring of air pollutants for the Project was conducted and included:
  - Continuous 24 hours per day PM<sub>10</sub> monitoring at all four stations and meteorological parameters at two stations (one upwind and one downwind) for entire month.
  - Monitoring of ozone and NO<sub>2</sub> at two stations (one upwind and one downwind) continuously.

4. Compliance Summary

- Air monitoring data for PM<sub>10</sub> concentrations were in compliance with SCAQMD Rule 403 for the month of August 2024.



**Figure 1. Pacoima Spreading Grounds air monitoring stations for the Northern site.  
DS: Dust Sentry.**