

Pacoima Spreading Grounds Basin Enhancement Project
Air Quality Monitoring Program
Summary Report for May 2024

1. Background

- During the month of May 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 the staging activities and active hauling.
- Results indicated average ambient PM₁₀ concentration of 28 - 32 µg/m³ 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_{2.5} showed similar trends with higher peaks at the Pacoima site (Figure 2).

2. Field Activity Summary

- The following field activities were continued/initiated:
 - Hauling operations of Basin 3 and East & West Settling Basins
 - Grading operations at Basins 3, 5 and West Settling Basin

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 PM₁₀ monitoring at all four stations and meteorological parameters at two stations (one upwind and one downwind) for entire month.
 - Monitoring of ozone and NO₂ at two stations (one upwind and one downwind) continuously.

4. Compliance Summary

- Air monitoring data for PM₁₀ concentrations were in compliance with SCAQMD Rule 403 for the month of May 2024.



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