

**Pacoima Spreading Grounds Basin Enhancement Project
Air Quality Monitoring Program
Summary Report for December 2023**

1. Background

- During the month of December 2023, 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. The stations were relocated to the northern location for hauling commencement on 12/6.
- Results indicated average ambient PM₁₀ concentration of 18 - 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 in the data.

2. Field Activity Summary

- The following field activities were continued/initiated:
 - Hauling operations of Basin 4
 - Grading operations at Basin 2
 - Installing power panels for Overflow Structures

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.
 - Stations were relocated between 12/1 and 12/5 in anticipation of hauling, which began at Northern Location on 12/6.

4. Compliance Summary

- Air monitoring data for PM₁₀ concentrations were in compliance with SCAQMD Rule 403 for the month of December 2023.



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