

Pacoima Spreading Grounds Basin Enhancement Project
Air Quality Monitoring Program
Summary Report for October 2021

1. Background

- During the month of October 2021, staging occurred from October 1st to the 3rd and active hauling commenced on October 4th.
- 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 concentrations of 15.3 to 17.4 µg/m³ for the month and were similar across all four (4) stations.
- Comparison of upwind station at the Project site with nearest South Coast Air Quality Management District (SCAQMD) monitoring station (Reseda) PM_{2.5} showed similar trends in the data.

2. Field Activity Summary

- The following field activities were continued/initiated:
 - ✓ Removal of existing spillway
 - ✓ Hauling operation of Basins 6, 2, and 1

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 and meteorological parameters monitoring at all four stations.
 - ✓ Continuous 24 hours per day monitoring of ozone (O₃) and nitrogen dioxide (NO₂) at two stations (one upwind and one downwind) during the week.

4. Compliance Summary

- Air monitoring data for PM₁₀ concentrations were in compliance with SCAQMD Rule 403 for the month of October 2021.



Figure 1. Pacoima Spreading Grounds air monitoring stations for the Southern site.

DS: Dust Sentry.