

**Pacoima Spreading Grounds Basin Enhancement Project
Air Quality Monitoring Program
Summary Report for January 2022**

1. Background

- During the month of January 2022, 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 16 - 17 µg/m³ for all four (4) stations.
 - Two (2) stations ran continuously, and two (2) stations were set up and taken down during hauling until 1/25/2022.
 - All four (4) stations were online continuously beginning 1/26/2022.
- Comparison of upwind and downwind stations at the Pacoima project site with nearest South Coast Air Quality Management District (SCAQMD) monitoring station (Reseda) PM_{2.5} showed similar trends in the data.
- Field Activity Summary
 - The following field activities were continued/initiated:
 - Hauling operation of Basin 6
 - Recycling of concrete via concrete munching
 - Preparation work for the installation of the 72" RCP

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 two stations (#1688 and #1690) for entire month and at all four stations starting 1/26/2022.
 - Monitoring of ozone and NO₂ at two stations (one upwind and one downwind) during hauling hours until 1/25/2022. No monitoring during holidays, rain events, and on the weekends. Ozone and NO₂ data were measured continuously beginning 1/26/2022.

4. Compliance Summary

- Air monitoring data for PM₁₀ concentrations were in compliance with SCAQMD Rule 403 for the month of January 2022.



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

DS: Dust Sentry.