

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

1. Background

- During the month of December 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 PM<sub>10</sub> concentration of 9 - 11 µg/m<sup>3</sup> for all four (4) stations.
  - #1689 and #1690 sensors were relocated to original locations on 12/1 between 9 and 10 AM.
- Comparison of upwind and downwind stations at the Pacoima project site with nearest South Coast Air Quality Management District (SCAQMD) monitoring station (Reseda) PM<sub>2.5</sub> showed similar trends in the data.

2. Field Activity Summary

- The following field activities were continued/initiated:
  - Hauling operations of Basin 5
  - Grading operations at Basin 1
  - Structural work of:
    - East Settling Basin & West Settling Basin outlets
    - Intake canal walls and access ramp

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 December 2022.



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