

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

1. Background

- During the month of May 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 19 - 23 µg/m<sup>3</sup> for all four (4) stations.
  - All stations ran continuously
- 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 6
  - Recycling of concrete via concrete munching
  - Structural work of Structure 1 and 6
  - Installation of basin-to-basin piping
  - Installation of 54" RCP at the intake channel

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> and meteorological parameters monitoring at all four stations for entire month.
  - Monitoring of ozone and NO<sub>2</sub> at two stations (one upwind and one downwind) continuously.

3. Compliance Summary

- Air monitoring data for PM<sub>10</sub> concentrations were in compliance with SCAQMD Rule 403 for the month of May 2022.



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