

receptors include residences, schools, playgrounds, child care centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

As shown in **Figure 4.2-3**, sensitive receptors within one-quarter mile (1,320 feet) of the project site include the following:

- LAUSD South Gate Community Adult School on the project site
- Single-family homes located approximately 100 feet to the north
- Single-family homes located approximately 150 feet to the east
- South Gate Educational Center located approximately 200 feet to the southwest
- Single-family homes located approximately 200 feet to the south
- Pilgrim Baptist School located approximately 900 feet to the south
- Reedemer Lutheran Church approximately 950 feet to the northeast
- Chavez Park located approximately 1,050 feet to the south
- Liberty Boulevard Elementary School approximately 1,130 feet to the northeast

The above sensitive receptors represent the nearest sensitive receptors with the potential to be impacted by the proposed project. Additional sensitive receptors are located in the surrounding community within one-quarter mile of the project site and may be impacted by the proposed project.

THRESHOLDS OF SIGNIFICANCE

Construction Phase Significance Criteria

The proposed project would have a significant impact if:

- Daily regional and localized construction emissions were to exceed SCAQMD construction emissions thresholds for VOC, NO_x, CO, SO_x, PM_{2.5}, or PM₁₀, as presented in **Table 4.2-4**;
- The proposed project would generate significant emissions of TACs; and/or
- The proposed project would create an odor nuisance.

TABLE 4.2-4: SCAQMD DAILY CONSTRUCTION EMISSIONS THRESHOLDS		
Criteria Pollutant	Regional Emissions (Pounds Per Day)	Localized Emissions (Pounds Per Day)/a/
Volatile Organic Compounds (VOC)	75	--
Nitrogen Oxides (NO _x)	100	98
Carbon Monoxide (CO)	550	630
Sulfur Oxides (SO _x)	150	--
Fine Particulates (PM _{2.5})	55	7
Particulates (PM ₁₀)	150	13

/a/ The grading phase would generate the maximum daily localized emissions. Grading activity would cover approximately five acres and the nearest sensitive land use is the Los Angeles Unified School District continuation school building which is located on the project site. Thus, the analysis assumed a five-acre project site and a 25-meter (82-foot) receptor distance.
SOURCE: SCAQMD, 2009.