

TABLE???
CONSTRUCTION EMISSIONS
(POUNDS PER DAY)

Construction	VOC	NO_x	CO	SO_x	PM10	PM2.5
Maximum Daily Emissions	7	56	78	<1	12	5
SCAQMD Regional Threshold	75	100	550	150	150	55
Significant?	NO	NO	NO	NO	NO	NO

VOC: volatile organic compound; NO_x: nitrogen oxides; CO: carbon monoxide; SO_x: sulfur oxides; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less.

Note: totals may not add due to rounding.

Source: SCAQMD 2015a (thresholds). CalEEMod outputs are provided in Appendix **D**.

Construction Phase Localized Significance Thresholds

In addition to the mass daily emissions thresholds established by the SCAQMD, short-term local impacts to nearby sensitive receptors from on-site emissions of NO₂, CO, PM10, and PM2.5 are examined based on SCAQMD localized significance threshold (LST) methodology. To assess local air quality impacts for development projects without complex dispersion modeling, the SCAQMD developed screening (lookup) tables to assist lead agencies in evaluating impacts.

The LST method is recommended to be limited to projects that are five acres or less. For the purposes of an LST analysis, the SCAQMD considers receptors where it is possible that an individual could remain for 1 hour for NO₂ and CO exposure and 24 hours for PM10 and PM2.5 exposure. The emissions limits in the lookup tables are based on the SCAQMD's Ambient Air Quality Standards (SCAQMD 2016). The closest receptors to the Project site include residential uses adjacent to its southern and northern boundaries of the Project site. The emissions thresholds are for receptors within 25 meters (82 feet)¹ of the Project site; the thresholds for receptors farther away would be higher, and the Project emissions would be a smaller fraction of the thresholds.

Table **6** shows the maximum daily on-site emissions for construction activities compared with the SCAQMD LSTs with receptors within 25 meters. The Project site involves the total disturbance of 9.4 acres with 5.6 acres of newly disturbed area. However, the thresholds shown are from the lookup tables for a site that is based on a maximum of 5 acres. The Project's maximum daily on-site emissions would occur during the grading phase. As shown in Table 6, the local emissions from the Project would be less than the thresholds, and no significant impacts would result. No mitigation is required.

¹ The SCAQMD recommends that, when sensitive receptors are located nearer than 25 meters (82 feet) from the Project site, the minimum 25 meter/82 foot distance threshold should be used.

**TABLE 6
CONSTRUCTION PHASE
LOCALIZED SIGNIFICANCE THRESHOLD EMISSIONS**

Emissions and Thresholds	Emissions (lbs./day)			
	NOx	CO	PM10	PM2.5
Project maximum daily on-site emissions	56	78	12	5
Localized Significance Threshold	270	1,577	13	8
Exceed threshold?	No	No	No	No
lbs./day: pounds per day; NOx: nitrogen oxides; CO: carbon monoxide; PM10: respirable particulate matter 10 microns or less in diameter; PM2.5: fine particulate matter 2.5 microns or less in diameter; Note: Data is for SCAQMD Source Receptor Area 8, West San Gabriel Valley Source: SCAQMD 2009 (thresholds); see Attachment A for CalEEMod model outputs.				

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