

**Table 1: Revised Localized Significance Thresholds**

Activity	Approximate Construction Emissions (Pounds per Day) <sup>1</sup>			
	NO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
Mesa Substation	408.81	297.95	13.61	13.39
SCAQMD Localized Significance Threshold <sup>2</sup>	176.42	1,973.70	41.24	11.82
<b>Exceeds Threshold?</b>	<b>Yes</b>	<b>No</b>	<b>No</b>	<b>Yes</b>
Transmission/Subtransmission				
LST Foundations	56.37	40.29	1.47	1.47
Tubular Steel Pole (TSP) Foundations	40.84	31.62	1.18	1.18
LST Erection	45.76	36.50	1.39	1.39
TSP Erection	22.10	17.64	0.66	0.66
TSP Foundation Removal	33.72	25.70	1.09	1.09
Duct Bank Installation	31.79	23.58	1.07	1.07
SCAQMD Localized Significance Threshold	183.00	1,814.00	14.00	9.00
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

Notes: 1. Shaded cell indicates emissions that exceed the threshold.

2. SCAQMD's Localized Significance Thresholds are based on a 5-acre site. A distance of 160 feet to the receptor was used for Mesa Substation, and a distance of 55 feet to the receptor was used for the transmission and subtransmission lines. Linear interpolation was used to develop site-specific thresholds for the Mesa Substation.