

Table B.3.3-4. Estimated Construction Emissions

	Daily Emissions (lbs/day) ^a						Total Project Emissions (Tons)					
	NOx	VOC	CO	PM10	PM2.5	SO ₂	NOx	VOC	CO	PM10	PM2.5	SO ₂
Substation												
Construction Equipment & Vehicle	n/a	n/a	n/a	n/a	n/a	n/a	1.35	0.17	0.66	0.07	0.06	0.001
Fugitive Dust	n/a	n/a	n/a	n/a	n/a	n/a	--	--	--	0.94	0.50	--
Motor Vehicle Trips	0.43	0.43	4.21	0.045	0.029	0.005	0.006	0.006	0.060	0.001	0.000	0.000
115 kV Relay Upgrade												
Construction Equipment & Vehicle	n/a	n/a	n/a	n/a	n/a	n/a	3.72	0.36	1.33	0.15	0.14	0.004
Fugitive Dust	n/a	n/a	n/a	n/a	n/a	n/a	--	--	--	1.62	0.86	--
Motor Vehicle Trips	1.51	1.52	14.75	0.159	0.101	0.019	0.008	0.008	0.078	0.001	0.001	0.000
Fiber Optic Telecom System												
Construction Equipment & Vehicle	n/a	n/a	n/a	n/a	n/a	n/a	0.62	0.07	0.26	0.03	0.01	0.007
Fugitive Dust	n/a	n/a	n/a	n/a	n/a	n/a	--	--	--	0.41	0.24	--
Motor Vehicle Trips	0.19	0.19	1.86	0.020	0.02	0.002	0.002	0.002	0.021	0.000	0.000	0.000
Project Total	2.15	2.15	20.82	0.224	0.142	0.026	5.71	0.62	2.34	3.22	1.81	0.01
EKAPCD Significance Thresholds	n/a	n/a	n/a	n/a	n/a	n/a	25	25	--	15	--	27
MDAQMD Significance Thresholds	137	137	548	82	82	137	25	25	100	15	15	25
Exceeds Significance Thresholds?	No	No	No	No	No	No	No	No	No	No	No	No

Notes: Annual emissions from motor vehicle trips are estimated by staff as presented in Appendix 3.

Source: SCE, 2011 - Data Request 2-9; SCE, 2010a; Appendix 3.

(a) Indirect vehicle trip emissions only.