

LAKWOOD_BLV D - South Coast AQMD Air District, Summer

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.0727	0.0154	2.2000e-004	8.9100e-003	2.3000e-004	9.1300e-003	2.3300e-003	2.2000e-004	2.5500e-003		23.8373	23.8373	1.5900e-003		23.8771
Vendor	9.4600e-003	0.3133	0.0757	9.1000e-004	0.0241	7.1000e-004	0.0248	6.9200e-003	6.8000e-004	7.6000e-003		97.6500	97.6500	5.4700e-003		97.7867
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
Total	0.0875	0.4353	0.7692	3.1300e-003	0.2342	2.4200e-003	0.2366	0.0626	2.2600e-003	0.0649		320.8200	320.8200	0.0124		321.1304

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6304	4.8266	5.6742	7.9900e-003		0.2697	0.2697		0.2541	0.2541	0.0000	734.0529	734.0529	0.1973		738.9859
Total	0.6304	4.8266	5.6742	7.9900e-003		0.2697	0.2697		0.2541	0.2541	0.0000	734.0529	734.0529	0.1973		738.9859

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.0727	0.0154	2.2000e-004	8.9100e-003	2.3000e-004	9.1300e-003	2.3300e-003	2.2000e-004	2.5500e-003		23.8373	23.8373	1.5900e-003		23.8771
Vendor	9.4600e-003	0.3133	0.0757	9.1000e-004	0.0241	7.1000e-004	0.0248	6.9200e-003	6.8000e-004	7.6000e-003		97.6500	97.6500	5.4700e-003		97.7867
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
Total	0.0875	0.4353	0.7692	3.1300e-003	0.2342	2.4200e-003	0.2366	0.0626	2.2600e-003	0.0649		320.8200	320.8200	0.0124		321.1304

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1940	12.2038	13.3477	0.0198		0.6859	0.6859		0.6310	0.6310		1,912.6833	1,912.6833	0.6186		1,928.1483
Paving	0.6147					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8087	12.2038	13.3477	0.0198		0.6859	0.6859		0.6310	0.6310		1,912.6833	1,912.6833	0.6186		1,928.1483

LAKEWOOD_BLVD - South Coast AQMD Air District, Summer

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1042	3.6314	0.7687	0.0110	0.2508	0.0113	0.2621	0.0687	0.0108	0.0795		1,190.708 3	1,190.708 3	0.0794		1,192.694 3
Vendor	0.0137	0.6092	0.1276	6.6000e-004	2.5700e-003	2.6000e-004	2.8300e-003	7.7000e-004	2.4000e-004	1.0100e-003		70.8042	70.8042	9.8700e-003		71.0508
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
Total	0.2023	4.2953	1.6497	0.0139	0.4769	0.0132	0.4901	0.1288	0.0125	0.1413		1,482.993 1	1,482.993 1	0.0953		1,485.374 7

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1940	12.2038	13.3477	0.0198		0.6859	0.6859		0.6310	0.6310	0.0000	1,912.683 3	1,912.683 3	0.6186		1,928.148 3
Paving	0.6147					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8087	12.2038	13.3477	0.0198		0.6859	0.6859		0.6310	0.6310	0.0000	1,912.683 3	1,912.683 3	0.6186		1,928.148 3

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3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1042	3.6314	0.7687	0.0110	0.2508	0.0113	0.2621	0.0687	0.0108	0.0795		1,190.7083	1,190.7083	0.0794		1,192.6943
Vendor	0.0137	0.6092	0.1276	6.6000e-004	2.5700e-003	2.6000e-004	2.8300e-003	7.7000e-004	2.4000e-004	1.0100e-003		70.8042	70.8042	9.8700e-003		71.0508
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
Total	0.2023	4.2953	1.6497	0.0139	0.4769	0.0132	0.4901	0.1288	0.0125	0.1413		1,482.9931	1,482.9931	0.0953		1,485.3747

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7575	5.8829	4.9631	0.0133		0.2707	0.2707		0.2566	0.2566		1,284.3230	1,284.3230	0.3437		1,292.9146
Total	38.9976	5.8829	4.9631	0.0133		0.2707	0.2707		0.2566	0.2566		1,284.3230	1,284.3230	0.3437		1,292.9146

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3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	0.0284	3.2700e-003	4.0000e-005	8.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005		3.7788	3.7788	5.3000e-004		3.7922
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0211	0.0137	0.1884	5.6000e-004	0.0559	4.1000e-004	0.0563	0.0148	3.8000e-004	0.0152		55.3702	55.3702	1.4900e-003		55.4074
Total	0.0216	0.0421	0.1916	6.0000e-004	0.0560	4.2000e-004	0.0564	0.0148	3.9000e-004	0.0152		59.1490	59.1490	2.0200e-003		59.1995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7575	5.8829	4.9631	0.0133		0.2707	0.2707		0.2566	0.2566	0.0000	1,284.3230	1,284.3230	0.3437		1,292.9146
Total	38.9976	5.8829	4.9631	0.0133		0.2707	0.2707		0.2566	0.2566	0.0000	1,284.3230	1,284.3230	0.3437		1,292.9146

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3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	0.0284	3.2700e-003	4.0000e-005	8.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005		3.7788	3.7788	5.3000e-004		3.7922
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0211	0.0137	0.1884	5.6000e-004	0.0559	4.1000e-004	0.0563	0.0148	3.8000e-004	0.0152		55.3702	55.3702	1.4900e-003		55.4074
Total	0.0216	0.0421	0.1916	6.0000e-004	0.0560	4.2000e-004	0.0564	0.0148	3.9000e-004	0.0152		59.1490	59.1490	2.0200e-003		59.1995

3.7 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.6900e-003	0.0000	9.6900e-003	1.4700e-003	0.0000	1.4700e-003			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057		601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	9.6900e-003	0.2236	0.2332	1.4700e-003	0.2057	0.2071		601.8002	601.8002	0.1946		606.6660