

Appendix 4.3

Hourly Composite Vehicular
Emission Factor (for
Construction Dust Assessment)

Road Link	Link No.	x-start	y-start	x-end	y-end	Length	Hr 01		Hr 02		Hr 03		Hr 04		Hr 05		Hr 06		Hr 07		Hr 08		Hr 09		Hr 10		Hr 11		Hr 12		Hr 13		Hr 14		Hr 15		Hr 16		Hr 17		Hr 18		Hr 19		Hr 20		Hr 21		Hr 22		Hr 23		Hr 24	
							Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf
Man Kam To Road 1 (NB)	1001	830716	842414	830669	842454	61	105	0.025	64	0.025	48	0.024	40	0.025	48	0.024	113	0.027	314	0.029	507	0.029	507	0.029	483	0.029	458	0.029	450	0.028	466	0.028	450	0.028	491	0.028	515	0.028	523	0.029	563	0.029	507	0.028	394	0.029	322	0.029	265	0.026	233	0.026	177	0.026
Man Kam To Road 1 (NB)	1002	830669	842454	830622	842478	53	105	0.025	64	0.025	48	0.024	40	0.025	48	0.024	113	0.027	314	0.029	507	0.029	507	0.029	483	0.029	458	0.029	450	0.028	466	0.028	450	0.028	491	0.028	515	0.028	523	0.029	563	0.029	507	0.028	394	0.029	322	0.029	265	0.026	233	0.026	177	0.026
Man Kam To Road 2 (NB)	1003	830622	842478	830597	842519	49	102	0.025	63	0.025	47	0.025	39	0.024	47	0.025	109	0.027	305	0.029	492	0.029	492	0.029	469	0.029	445	0.029	438	0.029	453	0.029	438	0.029	477	0.029	500	0.028	508	0.029	547	0.029	492	0.029	383	0.029	313	0.029	258	0.026	227	0.026	172	0.027
Man Kam To Road 2 (NB)	1004	830597	842519	830561	842578	59	102	0.025	63	0.025	47	0.025	39	0.024	47	0.025	109	0.027	305	0.029	492	0.029	492	0.029	469	0.029	445	0.029	438	0.029	453	0.029	438	0.029	477	0.029	500	0.028	508	0.029	547	0.029	492	0.029	383	0.029	313	0.029	258	0.026	227	0.026	172	0.027
Man Kam To Road 2 (NB)	1005	830561	842578	830616	842708	132	102	0.025	63	0.025	47	0.025	39	0.024	47	0.025	109	0.027	305	0.029	492	0.029	492	0.029	469	0.029	445	0.029	438	0.029	453	0.029	438	0.029	477	0.029	500	0.028	508	0.029	547	0.029	492	0.029	383	0.029	313	0.029	258	0.026	227	0.026	172	0.027
Man Kam To Road 2 (NB)	1006	830616	842708	830622	842730	22	102	0.025	63	0.025	47	0.025	39	0.024	47	0.025	109	0.027	305	0.029	492	0.029	492	0.029	469	0.029	445	0.029	438	0.029	453	0.029	438	0.029	477	0.029	500	0.028	508	0.029	547	0.029	492	0.029	383	0.029	313	0.029	258	0.026	227	0.026	172	0.027
Man Kam To Road 3 (NB)	1007	830620	842730	830636	842786	59	102	0.025	63	0.025	47	0.025	39	0.024	47	0.025	109	0.027	305	0.029	492	0.029	492	0.029	469	0.029	445	0.029	438	0.029	453	0.029	438	0.029	477	0.029	500	0.028	508	0.029	547	0.029	492	0.029	383	0.029	313	0.029	258	0.026	227	0.026	172	0.027
Man Kam To Road 4 (NB)	1008	830636	842786	830640	842815	30	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Man Kam To Road 4 (NB)	1009	830640	842815	830629	842835	23	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Man Kam To Road 4 (NB)	1010	830629	842835	830610	842843	20	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Lo Wu Station Road 1 (NB)	1011	830610	842843	830516	842863	96	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Lo Wu Station Road 1 (NB)	1012	830516	842863	830475	842862	41	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Lo Wu Station Road 1 (NB)	1013	830475	842862	830383	842842	94	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Lo Wu Station Road 1 (NB)	1014	830383	842842	830372	842841	12	15	0.015	9	0.021	7	0.008	6	0.008	7	0.008	17	0.016	46	0.016	75	0.017	75	0.017	71	0.016	68	0.015	66	0.015	69	0.015	66	0.015	72	0.015	76	0.016	77	0.016	83	0.016	75	0.016	58	0.016	47	0.015	39	0.013	34	0.014	26	0.015
Lo Wu Station Road 2 (NB)	1015	830372	842841	830354	842839	18	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1016	830354	842839	830159	842843	155	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1017	830159	842843	830106	842815	96	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1018	830106	842815	830074	842819	32	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1019	830074	842819	830049	842833	29	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1020	830049	842833	830022	842854	35	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.016
Lo Wu Station Road 2 (NB)	1021	830022	842854	829984	842865	29	14	0.016	9	0.021	7	0.008	6	0.008	7	0.008	15	0.016	43	0.016	69	0.017	69	0.017	66	0.016	63	0.015	62	0.015	64	0.015	62	0.015	67	0.015	70	0.016	72	0.016	77	0.016	69	0.016	54	0.016	44	0.015	36	0.014	32	0.014	24	0.

Road Link	Link No.	x-start	y-start	x-end	y-end	Length	Hr 01		Hr 02		Hr 03		Hr 04		Hr 05		Hr 06		Hr 07		Hr 08		Hr 09		Hr 10		Hr 11		Hr 12		Hr 13		Hr 14		Hr 15		Hr 16		Hr 17		Hr 18		Hr 19		Hr 20		Hr 21		Hr 22		Hr 23		Hr 24	
							Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf	Flow	Emf
Man Kam To Road 1 (NB)	1001	830716	842414	830669	842454	61	105	0.027	64	0.027	48	0.026	40	0.027	48	0.026	113	0.029	314	0.031	507	0.032	507	0.031	483	0.031	458	0.031	450	0.031	466	0.031	450	0.031	491	0.031	515	0.031	523	0.031	563	0.032	507	0.031	394	0.031	322	0.031	265	0.028	233	0.029	177	0.029
Man Kam To Road 1 (NB)	1002	830669	842454	830622	842478	53	105	0.027	64	0.027	48	0.026	40	0.027	48	0.026	113	0.029	314	0.031	507	0.032	507	0.031	483	0.031	458	0.031	450	0.031	466	0.031	450	0.031	491	0.031	515	0.031	523	0.031	563	0.032	507	0.031	394	0.031	322	0.031	265	0.028	233	0.029	177	0.029
Man Kam To Road 2 (NB)	1003	830622	842478	830597	842519	49	102	0.027	63	0.027	47	0.027	39	0.026	47	0.027	109	0.030	305	0.032	492	0.032	492	0.031	469	0.031	445	0.031	438	0.031	453	0.031	438	0.031	477	0.031	500	0.031	508	0.031	547	0.032	492	0.031	383	0.031	313	0.031	258	0.028	227	0.029	172	0.029
Man Kam To Road 2 (NB)	1004	830597	842519	830591	842578	59	102	0.027	63	0.027	47	0.027	39	0.026	47	0.027	109	0.030	305	0.032	492	0.032	492	0.031	469	0.031	445	0.031	438	0.031	453	0.031	438	0.031	477	0.031	500	0.031	508	0.031	547	0.032	492	0.031	383	0.031	313	0.031	258	0.028	227	0.029	172	0.029
Man Kam To Road 2 (NB)	1005	830591	842578	830616	842708	132	102	0.027	63	0.027	47	0.027	39	0.026	47	0.027	109	0.030	305	0.032	492	0.032	492	0.031	469	0.031	445	0.031	438	0.031	453	0.031	438	0.031	477	0.031	500	0.031	508	0.031	547	0.032	492	0.031	383	0.031	313	0.031	258	0.028	227	0.029	172	0.029
Man Kam To Road 2 (NB)	1006	830616	842708	830626	842730	22	102	0.027	63	0.027	47	0.027	39	0.026	47	0.027	109	0.030	305	0.032	492	0.032	492	0.031	469	0.031	445	0.031	438	0.031	453	0.031	438	0.031	477	0.031	500	0.031	508	0.031	547	0.032	492	0.031	383	0.031	313	0.031	258	0.028	227	0.029	172	0.029
Man Kam To Road 3 (NB)	1007	830620	842730	830636	842786	59	102	0.027	63	0.027	47	0.027	39	0.026	47	0.027	109	0.030	305	0.032	492	0.032	492	0.031	469	0.031	445	0.031	438	0.031	453	0.031	438	0.031	477	0.031	500	0.031	508	0.031	547	0.032	492	0.031	383	0.031	313	0.031	258	0.028	227	0.029	172	0.029
Man Kam To Road 4 (NB)	1008	830636	842786	830640	842815	30	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Man Kam To Road 4 (NB)	1009	830640	842815	830629	842835	23	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Man Kam To Road 4 (NB)	1010	830629	842835	830610	842843	20	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Lo Wu Station Road 1 (NB)	1011	830610	842843	830516	842863	96	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Lo Wu Station Road 1 (NB)	1012	830516	842863	830475	842862	41	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Lo Wu Station Road 1 (NB)	1013	830475	842862	830383	842842	94	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Lo Wu Station Road 1 (NB)	1014	830383	842842	830372	842841	12	15	0.017	9	0.022	7	0.008	6	0.009	7	0.009	17	0.017	46	0.017	75	0.018	75	0.018	71	0.017	68	0.017	66	0.017	69	0.017	66	0.017	72	0.017	76	0.018	77	0.018	83	0.018	75	0.018	58	0.017	47	0.017	39	0.015	34	0.015	26	0.016
Lo Wu Station Road 2 (NB)	1015	830372	842841	830354	842839	18	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1016	830354	842839	830199	842843	155	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1017	830199	842843	830106	842815	96	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1018	830106	842815	830074	842819	32	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1019	830074	842819	830049	842833	29	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1020	830049	842833	830022	842854	35	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017
Lo Wu Station Road 2 (NB)	1021	830022	842854	829984	842865	29	14	0.017	9	0.022	7	0.008	6	0.009	7	0.009	15	0.017	43	0.018	69	0.019	69	0.019	66	0.017	63	0.017	62	0.017	64	0.016	62	0.017	67	0.017	70	0.018	72	0.018	77	0.018	69	0.018	54	0.018	44	0.017	36	0.015	32	0.015	24	0.017

