

Appendix 4.3: Calculation of Emission Factors from Vehicle Emission

Year 2007 P.M.					Emission Factor for NO <sub>x</sub> in gm/km			NO <sub>x</sub> E.F. (0.01g/mile-veh)	Emission Factor for RSP in gm/km			RSP E.F. (g/mile-veh)
Segment	Total Q	Number of vehicles			Car	GV	Bus		Car	GV	Bus	
		Car	GV	Bus	0.64	4.81	7.02	0.03	0.72	0.65		
		P/C	HGV	FBDD, FBSD	P/C	HGV	FBDD, FBSD	P/C	HGV	FBDD, FBSD		
70	85	13	20	0	21	253	0	518.478	1	38	0	0.7358
71		19	33	0								
72	168	26	39	0	41	502	0	519.016	2	75	0	0.7367
73		38	65	0								
74	112	17	26	0	28	333	0	516.419	1	50	0	0.7324
75		26	43	0								
76	57	8	13	0	14	169	0	518.478	1	25	0	0.7358
77		13	22	0								
78	931	296	307	15	294	2140	183	452.431	14	320	17	0.6069
79		174	138	11								
80	0	0	0	0								
81	801	400	166	23	326	1198	295	365.444	15	179	27	0.4458
82		110	83	19								
83	277	48	59	0	77	756	0	483.484	4	113	0	0.6779
84		72	98	0								
85	201	66	125	10	42	601	70	571.414	2	90	7	0.7885
86		0	0	0								
87	13	13	0	0	8	0	0	102.995	0	0	0	0.0483
88		0	0	0								
89	638	67	32	0	327	590	28	238.440	15	88	3	0.2680
90		444	90	4								
91	122	14	98	12	9	462	84	732.047	0	69	8	1.0202
92		0	0	0								
93	81	0	81	0	0	390	0	774.073	0	58	0	1.1587
94		0	0	0								
95	41	14	15	12	9	72	84	649.019	0	11	8	0.7466
96		0	0	0								
97	111	61	50	0	39	241	0	405.283	2	36	0	0.5485
98		0	0	0								
99	13	3	2	8	2	10	56	838.074	0	1	5	0.8331