Appendix 4.1 Detailed Calculation of Total NOx Emissions of North Lantau Highway in Years 2008 and 2023

								Emission Factor for NOx in gm/km						
							Year	PC	Taxi	SPB	GV	Bus		**Total NOx Emissions (g/mile-hour)**
							2008	0.6	0.49	6.17	4.28	7.72		
							2011	0.54	0.49	4.96	3.46	6.15	NOx E.F. (0.01g/mile-veh)	
			Traffic Breakdown (%)											
Year	Roads	Total Q	PC	Taxi	SPB	GV	Bus	PC	Taxi	SPB	LGV	Bus		
2008	North Lantau Highway (NLHd)	5320	0.47	0.129	0.096	0.224	0.081	1500.2	336.9	3155.3	5097.5	3316.5	405.5	**21572.6**
2023	North Lantau Highway (NLHd)	9370	0.44	0.12	0.09	0.265	0.085	2226.3	551.1	4181.8	8591.9	4897.9	351.2	**32907.4**