

Appendix 5f: Uncorrected Modelling Results – PM₁₀ and PM_{2.5}

Appendix 5f – Table 1: Air Quality Assessment Results

Receptor Name	2014 Verification and Base Year		2030 Future Year 'Without Development' No Link Road		2030 Future Year 'With Development' No Link Road		2030 Future Year 'With Development' With Link Road		2030 Future Year 'With Development' Cumulative	
	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
ESR 1	17.97	11.62	16.70	10.49	16.72	10.50	16.76	10.52	16.98	10.64
ESR 2	18.44	11.91	17.08	10.69	17.25	10.78	16.54	10.41	16.71	10.49
ESR 3	18.01	11.65	16.75	10.51	16.92	10.61	16.78	10.53	16.99	10.64
ESR 4	18.42	11.92	17.51	10.92	17.72	11.03	17.67	11.00	17.49	10.91
ESR 5	21.24	13.52	18.47	12.05	18.61	12.12	18.59	12.11	18.62	12.13
ESR 6	18.36	12.57	16.50	10.95	16.48	10.93	16.65	11.03	16.67	11.04
ESR 7	18.34	11.85	17.05	10.67	17.21	10.76	17.17	10.74	17.16	10.73
ESR 8	21.13	13.43	18.24	11.93	18.39	12.01	18.35	11.98	18.38	12.00
ESR 9	17.59	12.06	16.15	10.76	16.17	10.77	16.25	10.81	16.25	10.81
ESR 10	20.61	13.10	17.35	10.78	17.47	10.85	17.41	10.82	17.42	10.82
ESR 11	18.73	12.76	17.74	10.99	17.91	11.08	17.82	11.03	17.84	11.04
PR 1					16.33	10.29	16.90	10.60	17.14	10.72
PR 2					16.39	10.33	16.78	10.53	16.99	10.65
PR 3					16.33	10.29	16.41	10.33	16.53	10.40

Appendix 5f – Table 2: Sensitivity Analysis Results

Receptor Name	2030 Future Year 'Without Development' No Link Road		2030 Future Year 'With Development' No Link Road		2030 Future Year 'With Development' With Link Road		2030 Future Year 'With Development' Cumulative	
	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
ESR 1	17.94	11.60	17.97	11.62	18.01	11.64	18.27	11.81
ESR 2	18.40	11.88	18.60	12.01	17.76	11.50	17.97	11.62
ESR 3	18.00	11.64	18.21	11.76	18.03	11.66	18.29	11.81
ESR 4	19.03	12.30	19.32	12.49	19.24	12.44	18.99	12.28
ESR 5	21.63	13.78	21.81	13.89	21.79	13.87	21.83	13.90
ESR 6	17.99	12.34	17.96	12.32	18.19	12.46	18.22	12.48
ESR 7	18.37	11.87	18.56	11.98	18.51	11.95	18.50	11.95
ESR 8	21.26	13.51	21.44	13.63	21.39	13.60	21.42	13.62
ESR 9	17.48	12.00	17.51	12.01	17.61	12.07	17.61	12.07
ESR 10	20.11	12.78	20.25	12.87	20.19	12.83	20.20	12.84
ESR 11	17.99	12.31	18.21	12.44	18.10	12.37	18.12	12.38
PR 1			17.49	11.33	18.22	11.79	18.52	11.98
PR 2			17.57	11.38	18.07	11.70	18.34	11.86
PR 3			17.49	11.33	17.59	11.39	17.74	11.48