

**Appendix 5g: Corrected Modelling Results – NO<sub>x</sub> and NO<sub>2</sub>**

**Appendix 5g – Table 1 Air Quality Assessment Results**

Receptor Name	2014 Verification and Base Year		2030 Future Year 'Without Development'		2030 Future Year 'With Development' No Link Road		2030 Future Year 'With Development' With Link Road		2030 Future Year 'With Development' Cumulative	
	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>
ESR 1	29.58	21.77	15.16	10.24	15.30	10.31	15.52	10.42	16.90	11.11
ESR 2	38.48	25.99	17.53	11.42	18.83	12.06	14.81	10.07	16.02	10.67
ESR 3	30.47	22.20	15.44	10.38	16.53	10.92	15.70	10.51	17.00	11.16
ESR 4	44.91	28.91	22.17	13.68	24.02	14.57	23.54	14.34	21.98	13.59
ESR 5	79.71	44.54	39.26	23.92	40.34	24.40	40.21	24.34	40.54	24.48
ESR 6	65.94	37.90	25.61	20.43	25.35	20.31	26.87	21.01	27.08	21.11
ESR 7	37.13	25.36	17.35	11.33	18.31	11.81	18.10	11.70	18.05	11.68
ESR 8	69.54	40.53	35.41	22.20	36.48	22.68	36.18	22.55	36.37	22.63
ESR 9	40.85	26.99	20.56	18.05	20.69	18.11	21.17	18.34	21.15	18.34
ESR 10	54.49	34.20	27.91	18.71	28.64	19.06	28.30	18.90	28.35	18.92
ESR 11	68.94	34.04	30.29	19.84	31.37	20.35	30.83	20.09	30.90	20.12
PR 1					13.13	9.22	18.72	12.01	20.75	13.00
PR 2					13.99	9.65	17.69	11.50	19.54	12.41
PR 3					12.91	9.10	13.81	9.56	14.68	10.00

**Appendix 5g – Table 2 Sensitivity Analysis Results**

Receptor Name	2030 Future Year 'Without Development'		2030 Future Year 'With Development' No Link Road		2030 Future Year 'With Development' With Link Road		2030 Future Year 'With Development' Cumulative	
	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>	NO <sub>x</sub>	NO <sub>2</sub>
ESR 1	17.66	10.99	17.84	11.08	18.15	11.24	20.11	12.23
ESR 2	21.01	12.68	22.81	13.57	17.13	10.72	18.85	11.59
ESR 3	18.04	11.19	19.60	11.97	18.40	11.37	20.25	12.30
ESR 4	28.00	16.10	30.74	17.40	30.02	17.06	27.71	15.96
ESR 5	46.85	27.60	48.40	28.27	48.23	28.20	48.69	28.40
ESR 6	30.39	22.37	30.05	22.21	32.21	23.21	32.49	23.34
ESR 7	20.79	12.57	22.18	13.26	21.87	13.11	21.79	13.07
ESR 8	41.13	25.06	42.66	25.75	42.24	25.56	42.52	25.68
ESR 9	23.17	18.93	23.35	19.02	24.06	19.36	24.04	19.35
ESR 10	30.37	20.03	31.42	20.54	30.93	20.30	31.00	20.33
ESR 11	33.81	21.67	35.37	22.41	34.57	22.03	34.69	22.09
PR 1			14.72	9.49	22.54	13.44	25.39	14.84
PR 2			15.86	10.07	21.11	12.73	23.70	14.01
PR 3			14.45	9.35	15.70	9.99	16.92	10.62