

**Appendix B  
Model Verification Results**

## Appendix B – Model Verification

Site ID	Background NO <sub>x</sub> (µg/m <sup>3</sup> )	Background NO <sub>2</sub> (µg/m <sup>3</sup> )	Monitored NO <sub>2</sub> (µg/m <sup>3</sup> )	Estimated Monitored NO <sub>x</sub> (µg/m <sup>3</sup> )	Monitored Road Contribution NO <sub>x</sub> (µg/m <sup>3</sup> )	Modelled Road Contribution NO <sub>x</sub> (µg/m <sup>3</sup> )	Adjustment Factor for Modelled Road Contribution	Adjusted Modelled Road Contribution NO <sub>x</sub> (µg/m <sup>3</sup> )	Modelled NO <sub>2</sub> (µg/m <sup>3</sup> )	% Difference NO <sub>2</sub> [(Modelled - Monitored)/ Monitored]
T8	12.7	10.0	43.3	102.8	90.1	29.1	2.48	72.0	38.2	-11.8%
T9	12.7	10.0	40.3	91.9	79.2	37.6		93.1	44.2	9.5%
T4	13.5	10.5	47.9	120.0	106.6	51.0	2.09	106.6	47.9	0.0%
T5	13.1	10.2	30.8	61.7	48.6	22.8	2.01	45.9	29.9	-3.1%
T6	13.1	10.2	23.3	41.9	28.8	18.6		37.4	26.7	14.7%
A3	13.1	10.2	31.9	64.7	51.6	23.6		47.4	30.4	-4.7%
DAV_N13	12.8	10.0	21.7	38.2	25.4	19.9	1.28	25.5	21.8	0.3%
T1	12.3	9.7	27.5	53.2	40.9	34.8		44.6	28.9	5.1%
T2	12.8	10.0	34.3	72.3	59.4	43.6		56.0	33.2	-3.3%
T3	13.2	10.3	25.5	47.5	34.3	17.4		22.3	20.6	-19.4%
T7	12.8	10.0	30.5	61.0	48.2	30.0		38.5	27.0	-11.6%
T10	12.7	9.9	32.8	67.7	55.0	35.3		45.3	29.4	-10.3%
A1	12.3	9.7	27.5	53.1	40.8	29.4		37.7	26.3	-4.2%
A2	13.0	10.1	28.8	56.0	43.1	34.8		44.7	29.3	2.1%
A4	12.8	10.0	31.5	63.8	51.0	43.4		55.7	33.1	5.1%
A5	12.8	10.0	26.6	50.3	37.5	30.1		38.6	27.0	1.6%
A6	13.3	10.4	35.6	75.7	62.4	57.6		73.9	39.1	9.9%
A7	12.8	10.0	26.7	50.8	38.0	28.7		36.8	26.3	-1.7%
A8	13.1	10.2	26.2	49.2	36.1	20.2		25.9	22.1	-15.7%
A9	12.8	10.0	28.9	56.6	43.8	38.7		49.7	31.0	7.3%