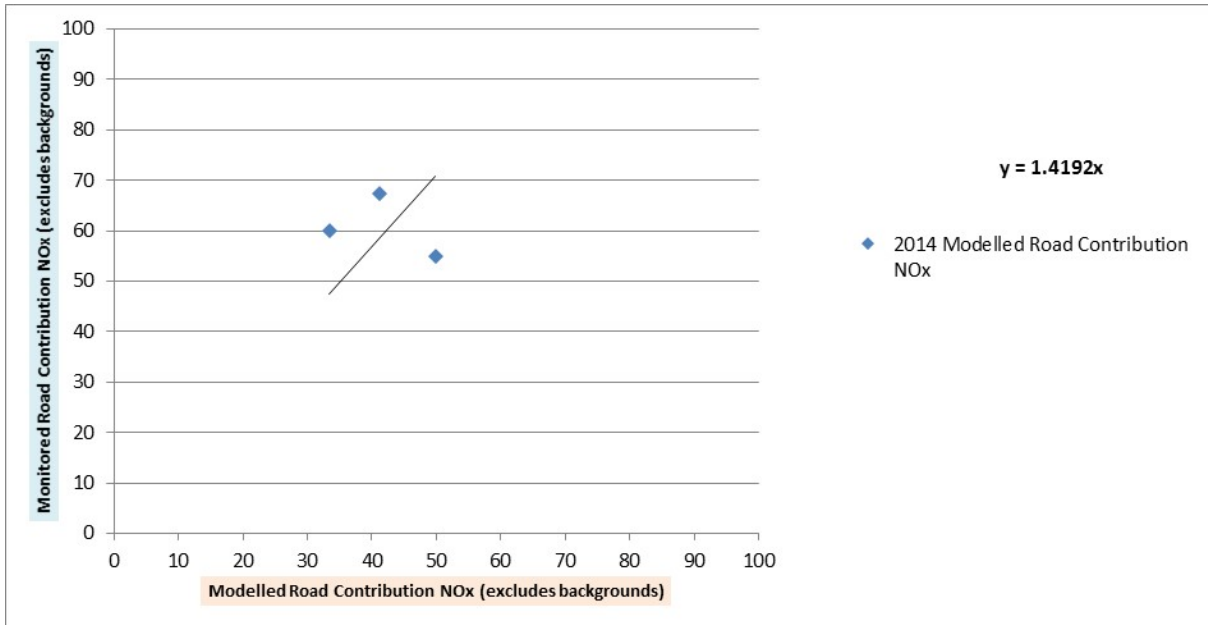


Appendix 5e: Model Verification Procedure

CA10769 - Wykham Park Farm, Banbury							
	1	2	3	4	5	6	7
Address	2014 Monitored Total NO ₂	2013 Monitored Total NO _x	2014 Background NO ₂	2014 Background NO _x	Monitored Road Contribution NO ₂ (total - background)	Monitored Road Contribution NO _x (excludes background)	Modelled Road Contribution NO _x (excludes background)
V 2 - North Bar	39.60	76.36	12.02	16.38	27.58	59.98	33.44
V 4 - Oxford Road/ South Bar	37.60	71.31	12.02	16.38	25.58	54.93	49.82
V 6 - Horsefair	42.40	83.64	12.02	16.38	30.38	67.26	41.10



	8	9	10	11	12	13	14
Address	Ratio of Monitored Road Contribution NO _x / Modelled Road Contribution NO _x	Adjustment Factor for Modelled Road Contribution	Adjusted Modelled Road Contribution NO _x	Adjusted Modelled Total NO _x (including background NO _x)	Modelled Total NO ₂ (based on empirical NO _x / NO ₂ relationship)	Monitored Total NO ₂	% Difference [(modelled - monitored) / monitored] x 100
V 2 - North Bar	1.79	1.4192	47.46	63.84	34.54	39.60	-12.78
V 4 - Oxford Road/ South Bar	1.10		70.70	87.09	43.69	37.60	16.20
V 6 - Horsefair	1.64		58.33	74.71	38.95	42.40	-8.14
		1.4192					

