

**Appendix E
TAG Worksheets 3.3.3
Local Air Quality**

Appendix E - TAG Worksheets. Local Air Quality

1 - Aggregated TAG Worksheet

PM10, SUMMARY OF ROUTES THE AGGREGATED TABLE	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Total properties across all routes (min)	360	402	399	449	1610
Total properties across all routes (some)	360	402	399	449	1610
<i>Do-minimum PM10 assessment</i>					Total assessment PM10 (I):
<i>across all routes</i>	5781.0	6383.1	6287.6	7059.2	25511.0
<i>Do-something PM10 assessment</i>					Total assessment PM10 (II):
<i>across all routes</i>	5773.6	6381.8	6287.3	7059.7	25502.4
Net total assessment for PM10, all routes (II-I)					-8.6
<i>Number of properties with an improvement</i>					420
<i>Number of properties with no change</i>					994
<i>Number of properties with a deterioration</i>					196

NO2, SUMMARY OF ROUTES THE AGGREGATED TABLE	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Total properties across all routes (min)	367	394	409	440	1610
Total properties across all routes (some)	367	394	409	440	1610
<i>Do-minimum NO2 assessment</i>					Total assessment NO2 (I):
<i>across all routes</i>	3814.9	3798.1	3625.4	3815.4	15053.9
<i>Do-something NO2 assessment</i>					Total assessment NO2 (II):
<i>across all routes</i>	3773.4	3786.0	3624.3	3814.6	14998.3
Net total assessment for NO2, all routes (II-I)					-55.5
<i>Number of properties with an improvement</i>					685
<i>Number of properties with no change</i>					546
<i>Number of properties with a deterioration</i>					379

Reference Sources: Traffic data provided by Jacobs - November 2009

Quantitative measures: Improved at 685 properties (NO2), 420 properties (PM10) - Made worse at: 379 properties (NO2), 196 properties (PM10) - No change for 546 properties (NO2), 994 properties (PM10)

Assessment scores: -55.5 (NO2) ; -8.6 (PM10)

Qualitative comments: An overall improvement. Changes, including those within Rugby AQMA, would be of minor magnitude. NO2 concentration at 1 property outside the AQMA, close to M1, would exceed the AQS objective both with and without the junction improvement, although it would slightly decrease with the scheme. PM10 levels would meet the objectives, both with and without the junction improvement. Both NO2 and PM10 concentrations would be reduced compared to 2007 levels, due to tighter emissions controls.

PM10, ROUTE 29.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 170					
Properties (amin)	80	50	13	2	145
Properties (asome)	80	50	13	2	145
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.2	At 70m: 15.8	At 115m: 15.7	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.1	At 70m: 15.8	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	1292.8	791.5	204.6	31.4	Total route assess PM10 (I): 2320.4
Do-something PM10 assessment (c = asome*bsome)	1288.8	791.0	204.6	31.4	Total route assess PM10 (II): 2315.9
Net total route assessment for PM10 (II-I)					-4.5

NO2, ROUTE 29.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 170					
Properties (amin)	80	50	13	2	145
Properties (asome)	80	50	13	2	145
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 10.7	At 70m: 9.1	At 115m: 8.9	At 175m: 8.7	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 10.4	At 70m: 9.1	At 115m: 8.8	At 175m: 8.6	N/A
Do-minimum NO2 assessment (c = amin*bmin)	856.0	457.0	115.1	17.3	Total route assess NO2 (I): 1445.4
Do-something NO2 assessment (c = asome*bsome)	832.8	452.5	114.4	17.3	Total route assess NO2 (II): 1417.0
Net total route assessment for NO2 (II-I)					-28.4

PM10, ROUTE 30.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 173					
Properties (amin)	13	24	15	21	73
Properties (asome)	13	24	15	21	73
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.2	At 70m: 15.8	At 115m: 15.7	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.1	At 70m: 15.8	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	210.1	379.9	236.1	330.1	Total route assess PM10 (I): 1156.2
Do-something PM10 assessment (c = asome*bsome)	209.0	379.4	236.1	330.1	Total route assess PM10 (II): 1154.7
Net total route assessment for PM10 (II-I)					-1.5

NO2, ROUTE 30.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 173					
Properties (amin)	13	24	15	21	73
Properties (asome)	13	24	15	21	73
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 10.9	At 70m: 9.2	At 115m: 8.7	At 175m: 8.7	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 10.6	At 70m: 9.1	At 115m: 8.8	At 175m: 8.6	N/A
Do-minimum NO2 assessment (c = amin*bmin)	141.2	220.3	217.8	181.9	Total route assess NO2 (I): 761.1
Do-something NO2 assessment (c = asome*bsome)	138.3	218.9	221.0	181.4	Total route assess NO2 (II): 759.6
Net total route assessment for NO2 (II-I)					-1.5

PM10, ROUTE 31.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 174					
Properties (amin)	59	87	99	166	411
Properties (asome)	59	87	99	166	411
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.2	At 70m: 15.9	At 115m: 15.8	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.2	At 70m: 15.9	At 115m: 15.8	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	957.0	1379.0	1559.3	2609.5	Total route assess PM10 (I): 6504.7
Do-something PM10 assessment (c = asome*bsome)	956.4	1379.0	1559.3	2609.5	Total route assess PM10 (II): 6504.1
Net total route assessment for PM10 (II-I)					-0.6

NO2, ROUTE 31.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 174					
Properties (amin)	59	87	99	166	411
Properties (asome)	59	87	99	166	411
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 11.1	At 70m: 9.3	At 115m: 8.7	At 175m: 8.7	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 11.1	At 70m: 9.3	At 115m: 8.7	At 175m: 8.7	N/A
Do-minimum NO2 assessment (c = amin*bmin)	657.3	805.6	865.3	1440.9	Total route assess NO2 (I): 3769.0
Do-something NO2 assessment (c = asome*bsome)	657.3	805.6	865.3	1440.9	Total route assess NO2 (II): 3769.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 32.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 30b_DM201					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.6	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 32.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 30b_DM201					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 14.9	At 70m: 10.4	At 115m: 9.1	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 16.4	At 70m: 10.9	At 115m: 9.3	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 9.1
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					-9.1

PM10, ROUTE 33.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 29b_DM202					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 19.1	At 70m: 16.7	At 115m: 16.0	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.8	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 33.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 29b_DM202					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 25.5	At 70m: 13.9	At 115m: 10.5	At 175m: 9.3	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 15.9	At 70m: 10.7	At 115m: 9.2	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 34.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 203					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.6	At 70m: 16.3	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 34.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 203					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 21.2	At 70m: 12.4	At 115m: 9.8	At 175m: 9.0	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 35.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 204					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 35.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 204					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 8.7	At 70m: 8.6	At 115m: 8.5	At 175m: 8.5	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 50.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205b					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.7	At 70m: 16.3	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 50.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205b					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 22.3	At 70m: 12.8	At 115m: 9.9	At 175m: 9.1	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 51.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205c					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.7	At 70m: 16.3	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 51.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205c					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 22.3	At 70m: 12.8	At 115m: 9.9	At 175m: 9.1	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 52.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205d					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.7	At 70m: 16.3	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 52.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 205d					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 22.3	At 70m: 12.8	At 115m: 9.9	At 175m: 9.1	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 53.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 500_A5					
Properties (amin)	1	1	2	0	4
Properties (asome)	1	1	2	0	4
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.8	At 70m: 16.0	At 115m: 15.8	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.9	At 70m: 16.0	At 115m: 15.8	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	16.8	16.0	31.6	0.0	Total route assess PM10 (I): 64.5
Do-something PM10 assessment (c = asome*bsome)	16.9	16.0	31.6	0.0	Total route assess PM10 (II): 64.5
Net total route assessment for PM10 (II-I)					0.1

NO2, ROUTE 53.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: 500_A5					
Properties (amin)	1	1	2	0	4
Properties (asome)	1	1	2	0	4
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 14.9	At 70m: 10.4	At 115m: 9.1	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 15.5	At 70m: 10.6	At 115m: 9.2	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	14.9	10.4	18.2	0.0	Total route assess NO2 (I): 43.6
Do-something NO2 assessment (c = asome*bsome)	15.5	10.6	18.4	0.0	Total route assess NO2 (II): 44.4
Net total route assessment for NO2 (II-I)					0.8

PM10, ROUTE 54.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A426_Rugby_Rd					
Properties (amin)	6	10	23	15	54
Properties (asome)	6	10	23	15	54
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.7	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.6	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	100.4	160.0	363.4	236.1	Total route assess PM10 (I): 859.9
Do-something PM10 assessment (c = asome*bsome)	99.8	159.7	363.2	236.1	Total route assess PM10 (II): 858.8
Net total route assessment for PM10 (II-I)					-1.1

NO2, ROUTE 54.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A426_Rugby_Rd					
Properties (amin)	6	10	23	15	54
Properties (asome)	6	10	23	15	54
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 15.9	At 70m: 10.7	At 115m: 9.2	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 15.0	At 70m: 10.4	At 115m: 9.1	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	95.4	107.1	212.1	132.0	Total route assess NO2 (I): 546.6
Do-something NO2 assessment (c = asome*bsome)	89.7	104.2	209.8	131.3	Total route assess NO2 (II): 534.9
Net total route assessment for NO2 (II-I)					-11.7

PM10, ROUTE 55.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A4303_Lutterworth_Rd					
Properties (amin)	1	2	3	1	7
Properties (asome)	1	2	3	1	7
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.4	At 70m: 16.2	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 17.4	At 70m: 16.2	At 115m: 15.9	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	17.4	32.4	47.6	15.8	Total route assess PM10 (I): 113.2
Do-something PM10 assessment (c = asome*bsome)	17.4	32.4	47.6	15.8	Total route assess PM10 (II): 113.1
Net total route assessment for PM10 (II-I)					-0.1

NO2, ROUTE 55.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A4303_Lutterworth_Rd					
Properties (amin)	1	2	3	1	7
Properties (asome)	1	2	3	1	7
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 20.6	At 70m: 12.2	At 115m: 9.7	At 175m: 9.0	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 20.2	At 70m: 12.1	At 115m: 9.7	At 175m: 9.0	N/A
Do-minimum NO2 assessment (c = amin*bmin)	20.6	24.4	29.2	9.0	Total route assess NO2 (I): 83.1
Do-something NO2 assessment (c = asome*bsome)	20.2	24.1	29.0	9.0	Total route assess NO2 (II): 82.3
Net total route assessment for NO2 (II-I)					-0.8

PM10, ROUTE 56.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A4304_Lutterworth_R					
Properties (amin)	2	0	0	1	3
Properties (asome)	2	0	0	1	3
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.3	At 70m: 15.9	At 115m: 15.8	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.1	At 70m: 15.8	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	32.6	0.0	0.0	15.7	Total route assess PM10 (I): 48.3
Do-something PM10 assessment (c = asome*bsome)	32.3	0.0	0.0	15.7	Total route assess PM10 (II): 48.0
Net total route assessment for PM10 (II-I)					-0.3

NO2, ROUTE 56.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: A4304_Lutterworth_R					
Properties (amin)	2	0	0	1	3
Properties (asome)	2	0	0	1	3
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 12.2	At 70m: 9.6	At 115m: 8.9	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 11.0	At 70m: 9.2	At 115m: 8.7	At 175m: 8.7	N/A
Do-minimum NO2 assessment (c = amin*bmin)	24.4	0.0	0.0	8.8	Total route assess NO2 (I): 33.2
Do-something NO2 assessment (c = asome*bsome)	21.9	0.0	0.0	8.7	Total route assess NO2 (II): 30.6
Net total route assessment for NO2 (II-I)					-2.6

PM10, ROUTE 64.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T110_111 A14_DMT110_111b					
Properties (amin)	0	0	0	1	1
Properties (asome)	0	0	0	1	1
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.9	At 70m: 16.4	At 115m: 15.9	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 18.6	At 70m: 16.6	At 115m: 16.0	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	15.8	Total route assess PM10 (I): 15.8
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	15.8	Total route assess PM10 (II): 15.8
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 64.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T110_111 A14_DMT110_111b					
Properties (amin)	0	0	0	1	1
Properties (asome)	0	0	0	1	1
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 23.9	At 70m: 13.3	At 115m: 10.1	At 175m: 9.2	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 24.8	At 70m: 13.6	At 115m: 10.2	At 175m: 9.2	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	9.2	Total route assess NO2 (I): 9.2
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	9.2	Total route assess NO2 (II): 9.2
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 65.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T147					
Properties (amin)	2	0	0	1	3
Properties (asome)	2	0	0	1	3
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 16.6	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.7	At 70m: 16.0	At 115m: 15.8	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	33.2	0.0	0.0	15.7	Total route assess PM10 (I): 48.9
Do-something PM10 assessment (c = asome*bsome)	33.4	0.0	0.0	15.7	Total route assess PM10 (II): 49.1
Net total route assessment for PM10 (II-I)					0.2

NO2, ROUTE 65.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T147					
Properties (amin)	2	0	0	1	3
Properties (asome)	2	0	0	1	3
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 12.8	At 70m: 9.8	At 115m: 8.9	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 13.2	At 70m: 9.9	At 115m: 9.0	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	25.7	0.0	35.6	8.8	Total route assess NO2 (I): 70.1
Do-something NO2 assessment (c = asome*bsome)	26.4	0.0	35.8	8.8	Total route assess NO2 (II): 71.0
Net total route assessment for NO2 (II-I)					0.9

PM10, ROUTE 66.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T148					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 16.9	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 66.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T148					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 15.5	At 70m: 10.6	At 115m: 9.2	At 175m: 8.8	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 15.5	At 70m: 10.6	At 115m: 9.2	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 67.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T158_161					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 67.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T158_161					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 17.1	At 70m: 11.1	At 115m: 9.4	At 175m: 8.9	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 16.9	At 70m: 11.0	At 115m: 9.3	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 68.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T160_159					
Properties (amin)	18	102	83	66	269
Properties (asome)	18	102	83	66	269
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 17.0	At 70m: 16.1	At 115m: 15.8	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	305.6	1639.1	1313.1	1039.5	Total route assess PM10 (I): 4297.3
Do-something PM10 assessment (c = asome*bsome)	305.6	1639.1	1313.1	1039.5	Total route assess PM10 (II): 4297.3
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 68.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T160_159					
Properties (amin)	18	102	83	66	269
Properties (asome)	18	102	83	66	269
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 17.1	At 70m: 11.1	At 115m: 9.4	At 175m: 8.9	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 16.9	At 70m: 11.0	At 115m: 9.3	At 175m: 8.8	N/A
Do-minimum NO2 assessment (c = amin*bmin)	308.0	1131.2	776.1	584.1	Total route assess NO2 (I): 2799.3
Do-something NO2 assessment (c = asome*bsome)	304.9	1126.1	774.4	583.4	Total route assess NO2 (II): 2788.8
Net total route assessment for NO2 (II-I)					-10.3

PM10, ROUTE 69.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T165_164					
Properties (amin)	0	2	2	34	38
Properties (asome)	0	2	2	34	38
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 15.8	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 15.8	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	31.5	31.4	533.8	Total route assess PM10 (I): 596.7
Do-something PM10 assessment (c = asome*bsome)	0.0	31.5	31.4	533.8	Total route assess PM10 (II): 596.7
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 69.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: T165_164					
Properties (amin)	0	2	2	34	38
Properties (asome)	0	2	2	34	38
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 9.0	At 70m: 8.8	At 115m: 8.6	At 175m: 8.5	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 9.0	At 70m: 8.8	At 115m: 8.6	At 175m: 8.5	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	17.5	17.2	290.4	Total route assess NO2 (I): 325.1
Do-something NO2 assessment (c = asome*bsome)	0.0	17.5	17.2	290.4	Total route assess NO2 (II): 325.1
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 70.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: TA14_J1EBWB					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 19.0	At 70m: 16.7	At 115m: 16.0	At 175m: 15.8	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 18.9	At 70m: 16.6	At 115m: 16.0	At 175m: 15.8	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess PM10 (II): 0.0
Net total route assessment for PM10 (II-I)					0.0

NO2, ROUTE 70.	0-50m (i)	50-100m (ii)	100-150m (iii)	150-200m (iv)	0-200m (v=i+ii+iii+iv)
Route name: TA14_J1EBWB					
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	0	0
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 26.2	At 70m: 14.1	At 115m: 10.4	At 175m: 9.3	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 25.6	At 70m: 13.9	At 115m: 10.3	At 175m: 9.3	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	0.0	Total route assess NO2 (II): 0.0
Net total route assessment for NO2 (II-I)					0.0

PM10, ROUTE 78.	0-50m	50-100m	100-150m	150-200m	0-200m
Route name: T106b_101b	(i)	(ii)	(iii)	(iv)	(v=i+ii+iii+iv)
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	1	1
PM10 concentration at average point within band for do-minimum (bmin)	At 20m: 15.7	At 70m: 15.7	At 115m: 15.7	At 175m: 15.7	N/A
PM10 concentration at average point within band for do-something (bsome)	At 20m: 19.7	At 70m: 16.9	At 115m: 16.1	At 175m: 15.9	N/A
Do-minimum PM10 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess PM10 (I): 0.0
Do-something PM10 assessment (c = asome*bsome)	0.0	0.0	0.0	15.9	Total route assess PM10 (II): 15.9
Net total route assessment for PM10 (II-I)					15.9

NO2, ROUTE 78.	0-50m	50-100m	100-150m	150-200m	0-200m
Route name: T106b_101b	(i)	(ii)	(iii)	(iv)	(v=i+ii+iii+iv)
Properties (amin)	0	0	0	0	0
Properties (asome)	0	0	0	1	1
NO2 concentration at average point within band for do-minimum (bmin)	At 20m: 8.5	At 70m: 8.5	At 115m: 8.5	At 175m: 8.5	N/A
NO2 concentration at average point within band for do-something (bsome)	At 20m: 21.0	At 70m: 12.3	At 115m: 9.8	At 175m: 9.0	N/A
Do-minimum NO2 assessment (c = amin*bmin)	0.0	0.0	0.0	0.0	Total route assess NO2 (I): 0.0
Do-something NO2 assessment (c = asome*bsome)	0.0	0.0	0.0	9.0	Total route assess NO2 (II): 9.0
Net total route assessment for NO2 (II-I)					9.0