

# Updating and Screening Assessment. 2006



Issue 2  
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1 USA  
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## Local Authority Information

|                            |  |
|----------------------------|--|
| <b>Local Authority</b>     | Blaby District Council   |
| <b>Service</b>             | Jon Wells - Environmental Protection   |
| <b>Manager</b>             | Manager  |
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This information can be made available on request, in other languages and formats (large print, Braille or on audio tape) by contacting us using the details above.

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## **Carbon Monoxide**

### **A. Monitoring Data**

No Local Monitoring has occurred

National Archive value

|           |                                   |                               |
|-----------|-----------------------------------|-------------------------------|
| Maximum-  | 0.370874 $\mu\text{g}/\text{m}^3$ | 2003 correction value applied |
| Objective | 10 $\mu\text{g}/\text{m}^3$       | 31.12.03                      |

Supporting data- see Appendix A

### **B. Very busy roads or junctions in built up areas.**

#### **Conclusion:**

- **No detailed assessment required for Carbon Monoxide**

## **Benzene**

### **A. Monitoring data outside an AQMA**

No local monitoring has occurred.

### **B Monitoring data within an AQMA**

No local monitoring has occurred.

National Archive value

|            |                                |          |
|------------|--------------------------------|----------|
| Maximum-   | 0.724 $\mu\text{g}/\text{m}^3$ | 2003     |
|            | 0.558 $\mu\text{g}/\text{m}^3$ | 2010     |
| Objectives | 16.25 $\mu\text{g}/\text{m}^3$ | 31.12.03 |
|            | 5 $\mu\text{g}/\text{m}^3$     | 31.12.10 |

Supporting data- see Appendix B

### **C. Very busy roads or junctions in built up areas**

None identified as 2010 background calculated to be below 2  $\mu\text{g}/\text{m}^3$

### **D. New industrial sources**

There are no new industrial sources within Blaby District. Having referred to Blaby District Councils Public Register.

### **E. Industrial Sources with substantially increased emissions or new relevant exposure.**

There are no industrial sources with substantially increased emissions or new relevant exposure. Having referred to Blaby District Councils Public Register.

### **F. Petrol Stations**

There are four sites in the district which are thought to have annual throughput of more than 2000  $\text{m}^3$  of petrol.

- Asda, Fosse Park
- Sainsbury's, Grove Park Triangle
- M1 Leicester Forest East Services Northbound
- M1 Leicester Forest East Services Southbound

Sainsbury's is fitted with stage 2 vapour recovery. Although the remaining 3 are located alongside busy roads, none have relevant receptors within 10 metres.

### **G. Major fuel Storage Depots (petrol only)**

None located within the district.

**Conclusion:**

- **No detailed assessment required for Benzene.**

## **1,3 Butadiene.**

### **A. Monitoring data**

No local Monitoring has occurred.

National Archive value

|           |                                |          |
|-----------|--------------------------------|----------|
| Maximum-  | 0.268 $\mu\text{g}/\text{m}^3$ | 2003     |
| Objective | 2.25 $\mu\text{g}/\text{m}^3$  | 31.12.04 |

Supporting data see Appendix C

### **B. New Industrial Sources.**

There are no new industrial sources in Blaby District.

### **C. Industrial Sources with substantially increased emissions or new relevant exposure.**

There are no new industrial sources with substantially increased emissions or new relevant exposure.

### **Conclusion:**

- **No detailed assessment required for 1,3 Butadiene**

## **Lead**

### **A. Monitoring Data**

No local monitoring has occurred.

National Archive value

None available for the district.

|            |                               |          |
|------------|-------------------------------|----------|
| Objectives | 0.5 $\mu\text{g}/\text{m}^3$  | 31.12.04 |
|            | 0.25 $\mu\text{g}/\text{m}^3$ | 31.12.04 |

### **B. New Industrial Sources**

There are no new industrial sources.

### **C. Industrial Sources with substantially increased emissions or new relevant exposure.**

There are no new industrial sources with substantially increased emissions or new relevant exposure.

### **Conclusion:**

- **No detailed assessment required for Lead.**

## **Sulphur Dioxide.**

### **A. Monitoring Data outside an AQMA.**

No local monitoring has occurred.

### **B. Monitoring Data within an AQMA.**

National Archive value

Maximum- 8.61  $\mu\text{g}/\text{m}^3$  2001

Objectives 350  $\mu\text{g}/\text{m}^3$  not more than 24 times per annum 31.12.04 (1 hour mean)

125  $\mu\text{g}/\text{m}^3$  not more than 3 times per annum 31.12.04 (24hr mean)

266  $\mu\text{g}/\text{m}^3$  not more than 35 times per annum 31.12.05 (15 min mean)

Supporting Data- Appendix D

### **C. New Industrial Sources.**

There are no new industrial sources.

### **D. Industrial Sources with substantially increased emissions or new relevant exposure**

There are no industrial sources with substantially increased emissions or new relevant exposure.

### **E. Areas of Domestic Coal Burning.**

No areas exist where there are more than 100 houses burning solid fuel as their main fuel per 500m x 500m area.

### **F. Small boilers >5 MW (thermal)**

No boilers of this rating burning fuel oil or coal are present in the district.

### **G. Shipping.**

There are no shipping movements within the district.

### **H. Railway Locomotives.**

There are no more than two occasions a day where there might be a locomotive stationary with its engine running for 15 minutes or more.

## **Conclusion:**

- **No detailed assessment required for Sulphur Dioxide.**

## **Nitrogen Dioxide.**

### **A. Monitoring data outside an AQMA.**

Appendix E gives the corrected results for diffusion tubes used in the district during 2005. The chemiluminescent analyser results have been used to bias correct the tube results. Two tubes outside the AQMA's gave results in excess of  $40\mu\text{g}/\text{m}^3$  these are:

- 4. Leicester Road
- 5. County Arms

We have discounted tube 5 (County Arms) as it is located on a post, not the façade of a house. The nearest tube on a house façade close to the County Arms is tube 23 (Newbridge Road), the reading here is  $33.5\mu\text{g}/\text{m}^3$ . (See also appendix F and G)

#### **Conclusion:**

- **No Detailed Assessment required for A426 Leicester Road, Glen Parva.**
- **Detailed Assessment needed for B4114 Leicester Road, Enderby.**

### **B. Monitoring data within an AQMA.**

Appendix E gives the corrected results for diffusion tubes used in the district during 2005. The chemiluminescent analyser results have been used to bias correct the tube results. All the tubes located within the AQMA's are in excess of  $40\mu\text{g}/\text{m}^3$ . (See also appendix F and G)

#### **Conclusion:**

- **No Detailed Assessment required.**

### **C. Narrow congested streets with residential properties close to the kerb.**

There are no such locations within the district.

### **D. Junctions**

There are no further junctions requiring such an assessment within the district.

### **E. Busy streets where people may spend 1 hour or more close to traffic.**

There are no such locations within the district.

### **F. Roads with high flow of buses and or HGV's.**

There have been no significant changes since the last USA.

G. New roads constructed or proposed since the previous round of R&A.

There has been no change since the last USA.

H. Roads with significantly changed traffic flows, or new relevant exposure.

There have been no significant changes since the last USA.

I. Bus stations.

There are no bus stations in the district.

J. New industrial sources

There are no new industrial sources.

K. Industrial sources with substantially increased emissions, or new relevant exposure.

There are no new industrial sources with substantially increased emissions, or new relevant exposure.

L. Aircraft

There are no airports within the district.

**Conclusion:**

- **A detailed assessment for Nitrogen Dioxide is considered to be required.**

## PM<sub>10</sub>

### A. Monitoring data outside an AQMA.

There is no local monitoring outside an AQMA.

### B. Monitoring data within an AQMA.

No AQMA's have been declared for PM<sub>10</sub>

### C. Busy roads and junctions in Scotland

Not applicable.

### D. Junctions.

There are no significant new junctions.

### E. Roads with high flow of buses and or HGV's

There are not considered to be any roads with an unusual proportion of buses or HGV's.

### F. New roads constructed or proposed since last round of R&A.

There has been no significant change since the last USA.

### G. Roads with significantly changed traffic flows or new relevant exposure.

There has been no significant change since the last USA.

### H. Roads close to the objective during the second round of Review and Assessment.

In the previous USA the 2004 gravimetric annual mean for PM<sub>10</sub> was 25µg/m<sup>3</sup>, this compares to 22.5µg/m<sup>3</sup> and therefore as there has been a decrease in background concentration there is no need for new assessment. See appendix H.

### I. New industrial sources.

There are no new relevant industrial sources.

### J. Industrial sources with substantially increased emissions, or new relevant exposure.

There are no new relevant industrial sources with substantially increased emissions, or new relevant exposure.

K. Areas of domestic solid fuel burning

There are no new applicable locations.

L. Quarries/ landfill sites/ opencast coal/ handling of dusty cargoes at ports etc.

There are no new significant sources.

M. Aircraft.

There are no airports within the district.

**Conclusion:**

- **No detailed assessment is required in respect of PM<sub>10</sub>.**

## Appendix A- Carbon Monoxide

Blaby

Note:- Projections for intervening years should always be forward from the nearest available year of mapped background data.

| X      | Y      | CO 2001 mgm-3 annual mean | 2003 - box 2.3 correction applied |
|--------|--------|---------------------------|-----------------------------------|
| 445500 | 293500 | 0.358                     | 0.295708                          |
| 445500 | 294500 | 0.355                     | 0.29323                           |
| 445500 | 295500 | 0.353                     | 0.291578                          |
| 445500 | 296500 | 0.342                     | 0.282492                          |
| 446500 | 289500 | 0.329                     | 0.271754                          |
| 446500 | 290500 | 0.334                     | 0.275884                          |
| 446500 | 291500 | 0.341                     | 0.281666                          |
| 446500 | 292500 | 0.344                     | 0.284144                          |
| 446500 | 293500 | 0.345                     | 0.28497                           |
| 446500 | 294500 | 0.348                     | 0.287448                          |
| 446500 | 295500 | 0.347                     | 0.286622                          |
| 446500 | 296500 | 0.34                      | 0.28084                           |
| 447500 | 289500 | 0.325                     | 0.26845                           |
| 447500 | 290500 | 0.329                     | 0.271754                          |
| 447500 | 291500 | 0.335                     | 0.27671                           |
| 447500 | 292500 | 0.338                     | 0.279188                          |
| 447500 | 293500 | 0.34                      | 0.28084                           |
| 447500 | 294500 | 0.346                     | 0.285796                          |
| 447500 | 295500 | 0.348                     | 0.287448                          |
| 448500 | 290500 | 0.323                     | 0.266798                          |
| 448500 | 291500 | 0.329                     | 0.271754                          |
| 448500 | 292500 | 0.333                     | 0.275058                          |
| 448500 | 293500 | 0.335                     | 0.27671                           |
| 448500 | 294500 | 0.342                     | 0.282492                          |
| 448500 | 295500 | 0.347                     | 0.286622                          |
| 448500 | 298500 | 0.331                     | 0.273406                          |
| 448500 | 299500 | 0.324                     | 0.267624                          |
| 449500 | 292500 | 0.328                     | 0.270928                          |
| 449500 | 293500 | 0.365                     | 0.30149                           |
| 449500 | 294500 | 0.372                     | 0.307272                          |
| 449500 | 295500 | 0.375                     | 0.30975                           |
| 449500 | 296500 | 0.375                     | 0.30975                           |
| 449500 | 298500 | 0.335                     | 0.27671                           |
| 449500 | 299500 | 0.329                     | 0.271754                          |
| 449500 | 300500 | 0.325                     | 0.26845                           |
| 449500 | 301500 | 0.323                     | 0.266798                          |
| 450500 | 293500 | 0.36                      | 0.29736                           |
| 450500 | 294500 | 0.367                     | 0.303142                          |
| 450500 | 295500 | 0.371                     | 0.306446                          |
| 450500 | 296500 | 0.371                     | 0.306446                          |
| 450500 | 297500 | 0.371                     | 0.306446                          |
| 450500 | 298500 | 0.339                     | 0.280014                          |
| 450500 | 299500 | 0.335                     | 0.27671                           |
| 450500 | 300500 | 0.331                     | 0.273406                          |
| 450500 | 301500 | 0.33                      | 0.27258                           |
| 450500 | 302500 | 0.33                      | 0.27258                           |

|        |        |       |          |
|--------|--------|-------|----------|
| 450500 | 303500 | 0.335 | 0.27671  |
| 450500 | 304500 | 0.347 | 0.286622 |
| 451500 | 295500 | 0.365 | 0.30149  |
| 451500 | 296500 | 0.369 | 0.304794 |
| 451500 | 297500 | 0.375 | 0.30975  |
| 451500 | 298500 | 0.346 | 0.285796 |
| 451500 | 299500 | 0.346 | 0.285796 |
| 451500 | 300500 | 0.343 | 0.283318 |
| 451500 | 301500 | 0.347 | 0.286622 |
| 451500 | 302500 | 0.347 | 0.286622 |
| 451500 | 303500 | 0.35  | 0.2891   |
| 451500 | 304500 | 0.363 | 0.299838 |
| 452500 | 295500 | 0.373 | 0.308098 |
| 452500 | 296500 | 0.382 | 0.315532 |
| 452500 | 297500 | 0.393 | 0.324618 |
| 452500 | 298500 | 0.371 | 0.306446 |
| 452500 | 299500 | 0.376 | 0.310576 |
| 452500 | 300500 | 0.373 | 0.308098 |
| 452500 | 301500 | 0.374 | 0.308924 |
| 452500 | 302500 | 0.374 | 0.308924 |
| 452500 | 303500 | 0.373 | 0.308098 |
| 452500 | 304500 | 0.385 | 0.31801  |
| 453500 | 294500 | 0.395 | 0.32627  |
| 453500 | 295500 | 0.403 | 0.332878 |
| 453500 | 296500 | 0.408 | 0.337008 |
| 453500 | 297500 | 0.417 | 0.344442 |
| 453500 | 298500 | 0.387 | 0.319662 |
| 453500 | 299500 | 0.392 | 0.323792 |
| 453500 | 300500 | 0.393 | 0.324618 |
| 453500 | 301500 | 0.397 | 0.327922 |
| 453500 | 302500 | 0.397 | 0.327922 |
| 453500 | 303500 | 0.392 | 0.323792 |
| 453500 | 305500 | 0.403 | 0.332878 |
| 453500 | 306500 | 0.396 | 0.327096 |
| 454500 | 293500 | 0.355 | 0.29323  |
| 454500 | 294500 | 0.364 | 0.300664 |
| 454500 | 295500 | 0.373 | 0.308098 |
| 454500 | 296500 | 0.38  | 0.31388  |
| 454500 | 297500 | 0.39  | 0.32214  |
| 454500 | 298500 | 0.395 | 0.32627  |
| 454500 | 299500 | 0.401 | 0.331226 |
| 454500 | 300500 | 0.403 | 0.332878 |
| 454500 | 301500 | 0.412 | 0.340312 |
| 454500 | 302500 | 0.415 | 0.34279  |
| 454500 | 305500 | 0.416 | 0.343616 |
| 454500 | 306500 | 0.42  | 0.34692  |
| 455500 | 293500 | 0.352 | 0.290752 |
| 455500 | 294500 | 0.362 | 0.299012 |
| 455500 | 295500 | 0.372 | 0.307272 |
| 455500 | 296500 | 0.381 | 0.314706 |
| 455500 | 297500 | 0.392 | 0.323792 |
| 455500 | 298500 | 0.401 | 0.331226 |
| 455500 | 299500 | 0.41  | 0.33866  |
| 455500 | 300500 | 0.414 | 0.341964 |

|        |        |                |                 |
|--------|--------|----------------|-----------------|
| 455500 | 301500 | 0.426          | 0.351876        |
| 455500 | 302500 | 0.434          | 0.358484        |
| 456500 | 293500 | 0.351          | 0.289926        |
| 456500 | 294500 | 0.362          | 0.299012        |
| 456500 | 295500 | 0.372          | 0.307272        |
| 456500 | 296500 | 0.387          | 0.319662        |
| 456500 | 297500 | 0.399          | 0.329574        |
| 456500 | 298500 | 0.41           | 0.33866         |
| 456500 | 299500 | 0.423          | 0.349398        |
| 456500 | 301500 | 0.449          | 0.370874        |
| 457500 | 293500 | 0.349          | 0.288274        |
| 457500 | 294500 | 0.36           | 0.29736         |
| 457500 | 295500 | 0.366          | 0.302316        |
| 457500 | 296500 | 0.382          | 0.315532        |
| 457500 | 297500 | 0.397          | 0.327922        |
| 458500 | 294500 | 0.331          | 0.273406        |
| 458500 | 295500 | 0.34           | 0.28084         |
| 458500 | 296500 | 0.363          | 0.299838        |
| 458500 | 297500 | 0.387          | 0.319662        |
| 459500 | 294500 | 0.323          | 0.266798        |
| 459500 | 295500 | 0.333          | 0.275058        |
| 459500 | 296500 | 0.355          | 0.29323         |
| 460500 | 294500 | 0.319          | 0.263494        |
| 460500 | 295500 | 0.328          | 0.270928        |
| 460500 | 296500 | 0.35           | 0.2891          |
| 461500 | 294500 | 0.314          | 0.259364        |
| 461500 | 295500 | 0.321          | 0.265146        |
| 462500 | 294500 | 0.31           | 0.25606         |
| 462500 | 295500 | 0.316          | 0.261016        |
| 463500 | 295500 | 0.308          | 0.254408        |
|        |        | <b>Maximum</b> | <b>0.370874</b> |

## Appendix B- Benzene

Blaby

Note:- Projections for intervening years should always be forward from the nearest available year of mapped background data.

| X      | Y      | Benzene 2001<br>ugm-3 annual<br>mean | Benzene 2003<br>ugm-3 annual<br>mean | Benzene 2010 ugm-3<br>annual mean |
|--------|--------|--------------------------------------|--------------------------------------|-----------------------------------|
| 445500 | 293500 | 0.541                                | 0.479                                | 0.375                             |
| 445500 | 294500 | 0.55                                 | 0.489                                | 0.386                             |
| 445500 | 295500 | 0.554                                | 0.493                                | 0.392                             |
| 445500 | 296500 | 0.528                                | 0.471                                | 0.377                             |
| 446500 | 289500 | 0.452                                | 0.4                                  | 0.311                             |
| 446500 | 290500 | 0.469                                | 0.415                                | 0.324                             |
| 446500 | 291500 | 0.49                                 | 0.434                                | 0.339                             |
| 446500 | 292500 | 0.5                                  | 0.443                                | 0.347                             |
| 446500 | 293500 | 0.503                                | 0.446                                | 0.35                              |
| 446500 | 294500 | 0.52                                 | 0.462                                | 0.365                             |
| 446500 | 295500 | 0.533                                | 0.475                                | 0.377                             |
| 446500 | 296500 | 0.517                                | 0.462                                | 0.369                             |
| 447500 | 289500 | 0.444                                | 0.393                                | 0.307                             |
| 447500 | 290500 | 0.457                                | 0.405                                | 0.316                             |
| 447500 | 291500 | 0.475                                | 0.42                                 | 0.329                             |
| 447500 | 292500 | 0.485                                | 0.43                                 | 0.337                             |
| 447500 | 293500 | 0.489                                | 0.434                                | 0.341                             |
| 447500 | 294500 | 0.503                                | 0.446                                | 0.351                             |
| 447500 | 295500 | 0.518                                | 0.46                                 | 0.364                             |
| 448500 | 290500 | 0.448                                | 0.397                                | 0.311                             |
| 448500 | 291500 | 0.462                                | 0.41                                 | 0.321                             |
| 448500 | 292500 | 0.473                                | 0.42                                 | 0.329                             |
| 448500 | 293500 | 0.477                                | 0.423                                | 0.333                             |
| 448500 | 294500 | 0.491                                | 0.436                                | 0.343                             |
| 448500 | 295500 | 0.504                                | 0.448                                | 0.352                             |
| 448500 | 298500 | 0.474                                | 0.422                                | 0.335                             |
| 448500 | 299500 | 0.465                                | 0.415                                | 0.331                             |
| 449500 | 292500 | 0.469                                | 0.416                                | 0.327                             |
| 449500 | 293500 | 0.56                                 | 0.495                                | 0.388                             |
| 449500 | 294500 | 0.573                                | 0.507                                | 0.398                             |
| 449500 | 295500 | 0.578                                | 0.512                                | 0.401                             |
| 449500 | 296500 | 0.575                                | 0.509                                | 0.399                             |
| 449500 | 298500 | 0.473                                | 0.42                                 | 0.331                             |
| 449500 | 299500 | 0.468                                | 0.417                                | 0.33                              |
| 449500 | 300500 | 0.465                                | 0.414                                | 0.329                             |
| 449500 | 301500 | 0.467                                | 0.417                                | 0.333                             |
| 450500 | 293500 | 0.555                                | 0.491                                | 0.385                             |
| 450500 | 294500 | 0.569                                | 0.503                                | 0.395                             |
| 450500 | 295500 | 0.574                                | 0.508                                | 0.398                             |
| 450500 | 296500 | 0.57                                 | 0.504                                | 0.395                             |
| 450500 | 297500 | 0.565                                | 0.499                                | 0.391                             |
| 450500 | 298500 | 0.481                                | 0.426                                | 0.335                             |
| 450500 | 299500 | 0.478                                | 0.424                                | 0.335                             |
| 450500 | 300500 | 0.475                                | 0.422                                | 0.334                             |
| 450500 | 301500 | 0.478                                | 0.426                                | 0.337                             |

|        |        |       |       |       |
|--------|--------|-------|-------|-------|
| 450500 | 302500 | 0.486 | 0.433 | 0.344 |
| 450500 | 303500 | 0.494 | 0.44  | 0.349 |
| 450500 | 304500 | 0.517 | 0.46  | 0.365 |
| 451500 | 295500 | 0.563 | 0.498 | 0.39  |
| 451500 | 296500 | 0.567 | 0.502 | 0.393 |
| 451500 | 297500 | 0.578 | 0.511 | 0.4   |
| 451500 | 298500 | 0.502 | 0.445 | 0.348 |
| 451500 | 299500 | 0.504 | 0.447 | 0.351 |
| 451500 | 300500 | 0.501 | 0.445 | 0.349 |
| 451500 | 301500 | 0.513 | 0.455 | 0.358 |
| 451500 | 302500 | 0.519 | 0.46  | 0.362 |
| 451500 | 303500 | 0.526 | 0.467 | 0.368 |
| 451500 | 304500 | 0.548 | 0.487 | 0.382 |
| 452500 | 295500 | 0.577 | 0.51  | 0.398 |
| 452500 | 296500 | 0.595 | 0.526 | 0.41  |
| 452500 | 297500 | 0.615 | 0.543 | 0.422 |
| 452500 | 298500 | 0.546 | 0.482 | 0.374 |
| 452500 | 299500 | 0.56  | 0.495 | 0.384 |
| 452500 | 300500 | 0.556 | 0.491 | 0.381 |
| 452500 | 301500 | 0.569 | 0.503 | 0.391 |
| 452500 | 302500 | 0.579 | 0.513 | 0.399 |
| 452500 | 303500 | 0.585 | 0.519 | 0.405 |
| 452500 | 304500 | 0.608 | 0.539 | 0.421 |
| 453500 | 294500 | 0.616 | 0.543 | 0.422 |
| 453500 | 295500 | 0.637 | 0.562 | 0.437 |
| 453500 | 296500 | 0.655 | 0.578 | 0.449 |
| 453500 | 297500 | 0.676 | 0.597 | 0.463 |
| 453500 | 298500 | 0.595 | 0.525 | 0.406 |
| 453500 | 299500 | 0.611 | 0.54  | 0.418 |
| 453500 | 300500 | 0.613 | 0.541 | 0.419 |
| 453500 | 301500 | 0.632 | 0.558 | 0.431 |
| 453500 | 302500 | 0.641 | 0.566 | 0.439 |
| 453500 | 303500 | 0.639 | 0.566 | 0.44  |
| 453500 | 305500 | 0.656 | 0.58  | 0.451 |
| 453500 | 306500 | 0.637 | 0.564 | 0.44  |
| 454500 | 293500 | 0.505 | 0.447 | 0.347 |
| 454500 | 294500 | 0.534 | 0.471 | 0.366 |
| 454500 | 295500 | 0.564 | 0.498 | 0.387 |
| 454500 | 296500 | 0.59  | 0.522 | 0.406 |
| 454500 | 297500 | 0.62  | 0.548 | 0.425 |
| 454500 | 298500 | 0.626 | 0.553 | 0.428 |
| 454500 | 299500 | 0.648 | 0.572 | 0.442 |
| 454500 | 300500 | 0.653 | 0.576 | 0.445 |
| 454500 | 301500 | 0.678 | 0.598 | 0.461 |
| 454500 | 302500 | 0.697 | 0.615 | 0.475 |
| 454500 | 305500 | 0.702 | 0.62  | 0.481 |
| 454500 | 306500 | 0.71  | 0.628 | 0.488 |
| 455500 | 293500 | 0.497 | 0.439 | 0.341 |
| 455500 | 294500 | 0.529 | 0.467 | 0.363 |
| 455500 | 295500 | 0.562 | 0.497 | 0.386 |
| 455500 | 296500 | 0.601 | 0.532 | 0.414 |
| 455500 | 297500 | 0.639 | 0.565 | 0.44  |
| 455500 | 298500 | 0.659 | 0.582 | 0.451 |
| 455500 | 299500 | 0.688 | 0.608 | 0.471 |

|        |                |              |              |              |
|--------|----------------|--------------|--------------|--------------|
| 455500 | 300500         | 0.699        | 0.617        | 0.477        |
| 455500 | 301500         | 0.744        | 0.657        | 0.507        |
| 455500 | 302500         | 0.773        | 0.683        | 0.527        |
| 456500 | 293500         | 0.498        | 0.44         | 0.342        |
| 456500 | 294500         | 0.533        | 0.471        | 0.366        |
| 456500 | 295500         | 0.567        | 0.501        | 0.39         |
| 456500 | 296500         | 0.624        | 0.552        | 0.43         |
| 456500 | 297500         | 0.668        | 0.591        | 0.46         |
| 456500 | 298500         | 0.694        | 0.614        | 0.475        |
| 456500 | 299500         | 0.738        | 0.652        | 0.505        |
| 456500 | 301500         | 0.821        | 0.724        | 0.558        |
| 457500 | 293500         | 0.496        | 0.439        | 0.341        |
| 457500 | 294500         | 0.53         | 0.469        | 0.364        |
| 457500 | 295500         | 0.559        | 0.495        | 0.385        |
| 457500 | 296500         | 0.622        | 0.551        | 0.43         |
| 457500 | 297500         | 0.68         | 0.602        | 0.469        |
| 458500 | 294500         | 0.478        | 0.424        | 0.332        |
| 458500 | 295500         | 0.511        | 0.453        | 0.355        |
| 458500 | 296500         | 0.588        | 0.521        | 0.408        |
| 458500 | 297500         | 0.668        | 0.592        | 0.462        |
| 459500 | 294500         | 0.459        | 0.407        | 0.319        |
| 459500 | 295500         | 0.489        | 0.433        | 0.338        |
| 459500 | 296500         | 0.565        | 0.501        | 0.391        |
| 460500 | 294500         | 0.445        | 0.395        | 0.308        |
| 460500 | 295500         | 0.474        | 0.42         | 0.327        |
| 460500 | 296500         | 0.546        | 0.484        | 0.376        |
| 461500 | 294500         | 0.427        | 0.378        | 0.295        |
| 461500 | 295500         | 0.451        | 0.4          | 0.311        |
| 462500 | 294500         | 0.419        | 0.372        | 0.29         |
| 462500 | 295500         | 0.439        | 0.389        | 0.303        |
| 463500 | 295500         | 0.423        | 0.375        | 0.293        |
|        | <b>Maximum</b> | <b>0.821</b> | <b>0.724</b> | <b>0.558</b> |

## Appendix C– 1,3 Butadiene

Blaby

Note:- Projections for intervening years should always be forward from the nearest available year of mapped background data.

| X      | Y      | 13-butadiene 2001 ugm-3<br>annual mean | 13-butadiene 2003 ugm-3 annual<br>mean |
|--------|--------|--|--|
| 445500 | 293500 | 0.227                                  | 0.183                                  |
| 445500 | 294500 | 0.224                                  | 0.182                                  |
| 445500 | 295500 | 0.22                                   | 0.179                                  |
| 445500 | 296500 | 0.208                                  | 0.169                                  |
| 446500 | 289500 | 0.202                                  | 0.163                                  |
| 446500 | 290500 | 0.206                                  | 0.166                                  |
| 446500 | 291500 | 0.214                                  | 0.172                                  |
| 446500 | 292500 | 0.215                                  | 0.173                                  |
| 446500 | 293500 | 0.215                                  | 0.173                                  |
| 446500 | 294500 | 0.218                                  | 0.176                                  |
| 446500 | 295500 | 0.215                                  | 0.174                                  |
| 446500 | 296500 | 0.206                                  | 0.167                                  |
| 447500 | 289500 | 0.198                                  | 0.16                                   |
| 447500 | 290500 | 0.202                                  | 0.163                                  |
| 447500 | 291500 | 0.208                                  | 0.167                                  |
| 447500 | 292500 | 0.21                                   | 0.169                                  |
| 447500 | 293500 | 0.211                                  | 0.17                                   |
| 447500 | 294500 | 0.217                                  | 0.175                                  |
| 447500 | 295500 | 0.217                                  | 0.176                                  |
| 448500 | 290500 | 0.197                                  | 0.159                                  |
| 448500 | 291500 | 0.202                                  | 0.163                                  |
| 448500 | 292500 | 0.205                                  | 0.166                                  |
| 448500 | 293500 | 0.206                                  | 0.166                                  |
| 448500 | 294500 | 0.213                                  | 0.173                                  |
| 448500 | 295500 | 0.217                                  | 0.176                                  |
| 448500 | 298500 | 0.199                                  | 0.164                                  |
| 448500 | 299500 | 0.192                                  | 0.159                                  |
| 449500 | 292500 | 0.201                                  | 0.164                                  |
| 449500 | 293500 | 0.243                                  | 0.212                                  |
| 449500 | 294500 | 0.25                                   | 0.218                                  |
| 449500 | 295500 | 0.253                                  | 0.221                                  |
| 449500 | 296500 | 0.252                                  | 0.221                                  |
| 449500 | 298500 | 0.205                                  | 0.17                                   |
| 449500 | 299500 | 0.2                                    | 0.167                                  |
| 449500 | 300500 | 0.195                                  | 0.163                                  |
| 449500 | 301500 | 0.192                                  | 0.161                                  |
| 450500 | 293500 | 0.239                                  | 0.209                                  |
| 450500 | 294500 | 0.246                                  | 0.215                                  |
| 450500 | 295500 | 0.249                                  | 0.218                                  |
| 450500 | 296500 | 0.248                                  | 0.218                                  |
| 450500 | 297500 | 0.249                                  | 0.218                                  |
| 450500 | 298500 | 0.21                                   | 0.174                                  |
| 450500 | 299500 | 0.206                                  | 0.172                                  |
| 450500 | 300500 | 0.202                                  | 0.169                                  |
| 450500 | 301500 | 0.201                                  | 0.168                                  |

|        |        |       |       |
|--------|--------|-------|-------|
| 450500 | 302500 | 0.203 | 0.17  |
| 450500 | 303500 | 0.207 | 0.172 |
| 450500 | 304500 | 0.222 | 0.185 |
| 451500 | 295500 | 0.243 | 0.212 |
| 451500 | 296500 | 0.246 | 0.215 |
| 451500 | 297500 | 0.251 | 0.219 |
| 451500 | 298500 | 0.216 | 0.178 |
| 451500 | 299500 | 0.215 | 0.177 |
| 451500 | 300500 | 0.215 | 0.177 |
| 451500 | 301500 | 0.221 | 0.182 |
| 451500 | 302500 | 0.225 | 0.185 |
| 451500 | 303500 | 0.227 | 0.186 |
| 451500 | 304500 | 0.242 | 0.198 |
| 452500 | 295500 | 0.253 | 0.22  |
| 452500 | 296500 | 0.265 | 0.229 |
| 452500 | 297500 | 0.277 | 0.239 |
| 452500 | 298500 | 0.251 | 0.204 |
| 452500 | 299500 | 0.259 | 0.21  |
| 452500 | 300500 | 0.257 | 0.208 |
| 452500 | 301500 | 0.259 | 0.21  |
| 452500 | 302500 | 0.259 | 0.21  |
| 452500 | 303500 | 0.255 | 0.206 |
| 452500 | 304500 | 0.266 | 0.215 |
| 453500 | 294500 | 0.284 | 0.248 |
| 453500 | 295500 | 0.291 | 0.253 |
| 453500 | 296500 | 0.296 | 0.258 |
| 453500 | 297500 | 0.306 | 0.265 |
| 453500 | 298500 | 0.269 | 0.218 |
| 453500 | 299500 | 0.275 | 0.223 |
| 453500 | 300500 | 0.277 | 0.224 |
| 453500 | 301500 | 0.283 | 0.229 |
| 453500 | 302500 | 0.284 | 0.23  |
| 453500 | 303500 | 0.275 | 0.222 |
| 453500 | 305500 | 0.284 | 0.229 |
| 453500 | 306500 | 0.272 | 0.221 |
| 454500 | 293500 | 0.239 | 0.197 |
| 454500 | 294500 | 0.247 | 0.205 |
| 454500 | 295500 | 0.255 | 0.211 |
| 454500 | 296500 | 0.262 | 0.216 |
| 454500 | 297500 | 0.273 | 0.225 |
| 454500 | 298500 | 0.277 | 0.223 |
| 454500 | 299500 | 0.285 | 0.23  |
| 454500 | 300500 | 0.289 | 0.233 |
| 454500 | 301500 | 0.3   | 0.242 |
| 454500 | 302500 | 0.304 | 0.245 |
| 454500 | 305500 | 0.297 | 0.24  |
| 454500 | 306500 | 0.297 | 0.246 |
| 455500 | 293500 | 0.236 | 0.194 |
| 455500 | 294500 | 0.245 | 0.203 |
| 455500 | 295500 | 0.253 | 0.209 |
| 455500 | 296500 | 0.263 | 0.217 |
| 455500 | 297500 | 0.274 | 0.226 |
| 455500 | 298500 | 0.284 | 0.228 |
| 455500 | 299500 | 0.295 | 0.237 |

|        |        |       |       |
|--------|--------|-------|-------|
| 455500 | 300500 | 0.3   | 0.241 |
| 455500 | 301500 | 0.315 | 0.254 |
| 455500 | 302500 | 0.323 | 0.26  |
| 456500 | 293500 | 0.235 | 0.194 |
| 456500 | 294500 | 0.245 | 0.202 |
| 456500 | 295500 | 0.253 | 0.209 |
| 456500 | 296500 | 0.267 | 0.22  |
| 456500 | 297500 | 0.28  | 0.23  |
| 456500 | 298500 | 0.293 | 0.235 |
| 456500 | 299500 | 0.309 | 0.248 |
| 456500 | 301500 | 0.334 | 0.268 |
| 457500 | 293500 | 0.233 | 0.193 |
| 457500 | 294500 | 0.242 | 0.201 |
| 457500 | 295500 | 0.247 | 0.205 |
| 457500 | 296500 | 0.258 | 0.215 |
| 457500 | 297500 | 0.271 | 0.225 |
| 458500 | 294500 | 0.207 | 0.171 |
| 458500 | 295500 | 0.215 | 0.177 |
| 458500 | 296500 | 0.235 | 0.193 |
| 458500 | 297500 | 0.258 | 0.211 |
| 459500 | 294500 | 0.199 | 0.163 |
| 459500 | 295500 | 0.207 | 0.17  |
| 459500 | 296500 | 0.228 | 0.186 |
| 460500 | 294500 | 0.196 | 0.161 |
| 460500 | 295500 | 0.204 | 0.168 |
| 460500 | 296500 | 0.224 | 0.183 |
| 461500 | 294500 | 0.191 | 0.157 |
| 461500 | 295500 | 0.197 | 0.163 |
| 462500 | 294500 | 0.187 | 0.155 |
| 462500 | 295500 | 0.191 | 0.158 |
| 463500 | 295500 | 0.185 | 0.153 |

**Maximum**

**0.268**

## Appendix D– Sulphur Dioxide

Blaby

Note:- Projections for intervening years should always be forward from the nearest available year of mapped background data.

| X      | Y      | SO2 2001 ugm-3 annual mean |
|--------|--------|----------------------------|
| 445500 | 293500 | 2.96                       |
| 445500 | 294500 | 2.9                        |
| 445500 | 295500 | 2.97                       |
| 445500 | 296500 | 3.66                       |
| 446500 | 289500 | 2.44                       |
| 446500 | 290500 | 2.45                       |
| 446500 | 291500 | 2.48                       |
| 446500 | 292500 | 2.82                       |
| 446500 | 293500 | 2.78                       |
| 446500 | 294500 | 2.83                       |
| 446500 | 295500 | 2.86                       |
| 446500 | 296500 | 3.04                       |
| 447500 | 289500 | 2.43                       |
| 447500 | 290500 | 2.44                       |
| 447500 | 291500 | 2.52                       |
| 447500 | 292500 | 2.72                       |
| 447500 | 293500 | 2.76                       |
| 447500 | 294500 | 2.86                       |
| 447500 | 295500 | 2.86                       |
| 448500 | 290500 | 2.44                       |
| 448500 | 291500 | 2.52                       |
| 448500 | 292500 | 2.82                       |
| 448500 | 293500 | 3.06                       |
| 448500 | 294500 | 3.67                       |
| 448500 | 295500 | 3                          |
| 448500 | 298500 | 3.1                        |
| 448500 | 299500 | 3.06                       |
| 449500 | 292500 | 2.74                       |
| 449500 | 293500 | 3.09                       |
| 449500 | 294500 | 3.34                       |
| 449500 | 295500 | 3.04                       |
| 449500 | 296500 | 2.75                       |
| 449500 | 298500 | 3.04                       |
| 449500 | 299500 | 3.02                       |
| 449500 | 300500 | 3.06                       |
| 449500 | 301500 | 3.02                       |
| 450500 | 293500 | 2.75                       |
| 450500 | 294500 | 2.84                       |
| 450500 | 295500 | 2.86                       |
| 450500 | 296500 | 2.85                       |
| 450500 | 297500 | 3.07                       |
| 450500 | 298500 | 3.06                       |
| 450500 | 299500 | 3.06                       |
| 450500 | 300500 | 3.02                       |
| 450500 | 301500 | 3.03                       |
| 450500 | 302500 | 3.09                       |

|        |        |      |
|--------|--------|------|
| 450500 | 303500 | 3.03 |
| 450500 | 304500 | 3.06 |
| 451500 | 295500 | 6.15 |
| 451500 | 296500 | 2.99 |
| 451500 | 297500 | 3.36 |
| 451500 | 298500 | 3.11 |
| 451500 | 299500 | 3.04 |
| 451500 | 300500 | 3.02 |
| 451500 | 301500 | 3.03 |
| 451500 | 302500 | 3.05 |
| 451500 | 303500 | 3.05 |
| 451500 | 304500 | 3.25 |
| 452500 | 295500 | 3.1  |
| 452500 | 296500 | 3.05 |
| 452500 | 297500 | 3.24 |
| 452500 | 298500 | 3.16 |
| 452500 | 299500 | 3.02 |
| 452500 | 300500 | 2.96 |
| 452500 | 301500 | 3.02 |
| 452500 | 302500 | 3.28 |
| 452500 | 303500 | 3.36 |
| 452500 | 304500 | 3.33 |
| 453500 | 294500 | 2.68 |
| 453500 | 295500 | 2.77 |
| 453500 | 296500 | 2.84 |
| 453500 | 297500 | 4.13 |
| 453500 | 298500 | 3.54 |
| 453500 | 299500 | 5.46 |
| 453500 | 300500 | 3.19 |
| 453500 | 301500 | 3.03 |
| 453500 | 302500 | 3.37 |
| 453500 | 303500 | 3.42 |
| 453500 | 305500 | 3.35 |
| 453500 | 306500 | 3.5  |
| 454500 | 293500 | 2.62 |
| 454500 | 294500 | 2.87 |
| 454500 | 295500 | 3.04 |
| 454500 | 296500 | 2.9  |
| 454500 | 297500 | 3.73 |
| 454500 | 298500 | 3.46 |
| 454500 | 299500 | 3.39 |
| 454500 | 300500 | 3.29 |
| 454500 | 301500 | 3.74 |
| 454500 | 302500 | 3.22 |
| 454500 | 305500 | 3.42 |
| 454500 | 306500 | 4.15 |
| 455500 | 293500 | 2.6  |
| 455500 | 294500 | 2.66 |
| 455500 | 295500 | 3.7  |
| 455500 | 296500 | 3.79 |
| 455500 | 297500 | 3.81 |
| 455500 | 298500 | 4.03 |
| 455500 | 299500 | 3.7  |
| 455500 | 300500 | 6.02 |

|        |                |             |
|--------|----------------|-------------|
| 455500 | 301500         | 3.64        |
| 455500 | 302500         | 3.42        |
| 456500 | 293500         | 2.55        |
| 456500 | 294500         | 2.6         |
| 456500 | 295500         | 2.89        |
| 456500 | 296500         | 3.14        |
| 456500 | 297500         | 8.61        |
| 456500 | 298500         | 4.3         |
| 456500 | 299500         | 3.56        |
| 456500 | 301500         | 3.43        |
| 457500 | 293500         | 2.47        |
| 457500 | 294500         | 2.62        |
| 457500 | 295500         | 3.09        |
| 457500 | 296500         | 2.96        |
| 457500 | 297500         | 3.68        |
| 458500 | 294500         | 2.56        |
| 458500 | 295500         | 3.69        |
| 458500 | 296500         | 2.9         |
| 458500 | 297500         | 3.2         |
| 459500 | 294500         | 2.52        |
| 459500 | 295500         | 2.68        |
| 459500 | 296500         | 2.74        |
| 460500 | 294500         | 2.46        |
| 460500 | 295500         | 2.52        |
| 460500 | 296500         | 2.74        |
| 461500 | 294500         | 2.43        |
| 461500 | 295500         | 2.47        |
| 462500 | 294500         | 2.43        |
| 462500 | 295500         | 2.49        |
| 463500 | 295500         | 2.45        |
|        | <b>Maximum</b> | <b>8.61</b> |

## Appendix E- Bias Corrected Diffusion Tubes

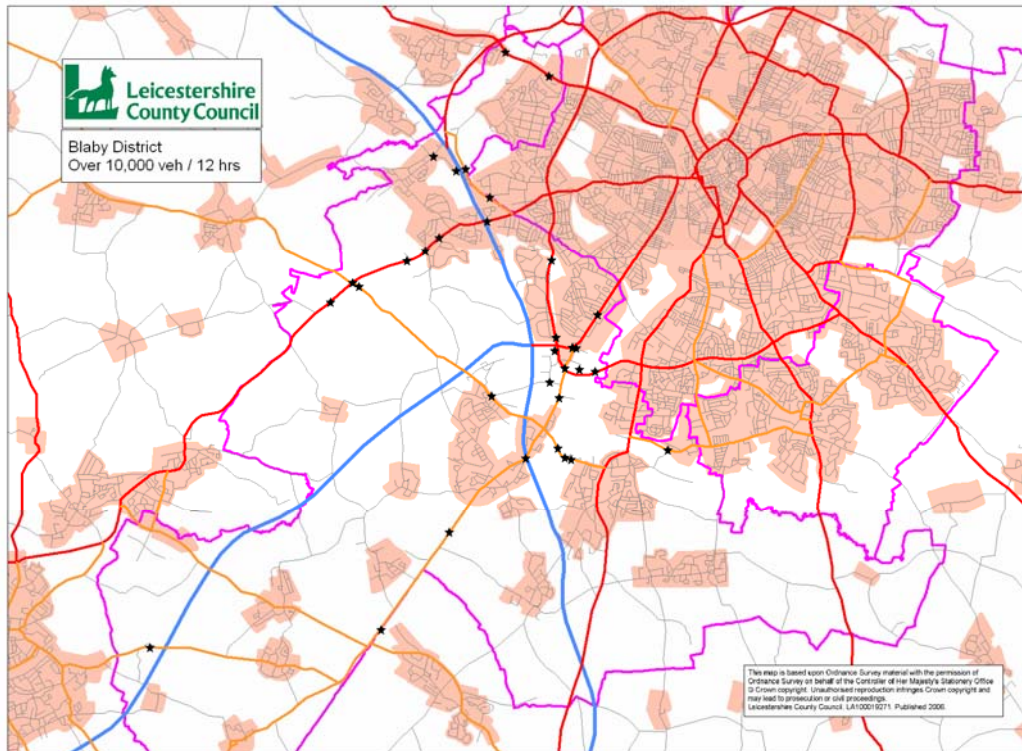
| Tube No. | Location                            | Average $\mu\text{g}/\text{m}^3$ | bias corrected $\mu\text{g}/\text{m}^3$ |
|----------|-------------------------------------|----------------------------------|---|
| 1        | Cyril Street                        | 30                               | 26.5                                    |
| 2        | Jordans, Narborough Rd South        | 50.7                             | 44.9                                    |
| 3        | Cleveleys Avenue                    | 34.5                             | 30.6                                    |
| 4        | Leicester Road                      | 54.5                             | 48.3                                    |
| 5        | County Arms                         | 50.5                             | 44.8                                    |
| 6        | Hinckley Road/M1 bridge             | 62                               | 54.9                                    |
| 7        | Forest Road/M69 bridge              | 34.5                             | 30.6                                    |
| 8        | Thorpe Astley                       | 42.3                             | 37.5                                    |
| 9        | King Edwards                        | 55.7                             | 49.3                                    |
| 10       | The Osiers                          | 49.9                             | 44.2                                    |
| 11       | Branting Hill                       | 45.8                             | 40.6                                    |
| 12       | Kingsway North                      | 39.3                             | 34.8                                    |
| 13       | Nox Box A                           | 38.1                             | 33.7                                    |
| 14       | Nox Box B                           | 36.8                             | 32.6                                    |
| 15       | Nox Box C                           | 38.0                             | 33.7                                    |
| 16       | Cumberwell Drive                    | 49.8                             | 44.1                                    |
| 17       | 252 Blaby Road                      | 37.1                             | 32.9                                    |
| 18       | 199 Blaby Road                      | 32.7                             | 28.9                                    |
| 19       | Lampost 3 Earl Smith Gardens        | 34.5                             | 30.5                                    |
| 20       | 16 Charlton Close                   | 26.4                             | 23.4                                    |
| 21       | Lampost 2, Outside 12 Clark Gardens | 33.4                             | 29.6                                    |
| 22       | 58 Leicester Road, Blaby            | 34                               | 30.1                                    |
| 23       | 1 Newbridge Road, Glen Parva        | 37.7                             | 33.4                                    |
| 24       | 204 Leicester Road, Glen Parva      | 29.9                             | 26.5                                    |
| 25       | 1 Groby Road                        | 28.6                             | 25.3                                    |
| 26       | The Cottage, Ratby Lane             | 42.2                             | 37.4                                    |
| 27       | St Andrews Church, Hinckley Road    | 35.6                             | 31.1                                    |
| 28       | 64 Packer Avenue                    | 55.4                             | 49.1                                    |
| 29       | 22 Ratby Lane                       | 32.7                             | 28.9                                    |
| 30       | St Johns                            | 45.7                             | 40.5                                    |
| 31       | Enderby Road                        | 38.8                             | 34.4                                    |
| 32       | Telegraph pole off Hinckley Road    | 47.6                             | 42.2                                    |
|          | Av of NOx box                       | dm                               | 40.65                                   |
|          | Station AV                          | cm                               | 28                                      |
|          | ppb to $\mu\text{g}/\text{m}^3$     | bias                             | 0.886                                   |

## Appendix F– Bias Correction Calculation Tool

Bias correction calculation tool.

## Appendix G- Traffic Flows

The map illustrates where the 12 hour flow exceeds 10,000 vehicles.



The figures below illustrate actual traffic counts which have taken place in the district.

| Link Start   | Link Finish                               | Date       | All Motor | HDV  | Easting | Northing |
|--|---|------------|-----------|------|---------|----------|
| Hinckley Road, W of M69, Aston Flamville                         | Hinckley Road, near Aston Firs            | 12/05/2003 | 11400     | 340  | 446082  | 293820   |
| Hinckley Road, W of M69, Aston Flamville                         | Hinckley Road, near Aston Firs            | 12/07/2001 | 11100     | 300  | 446082  | 293820   |
| Hinckley Road, W of M69, Aston Flamville                         | Hinckley Road, near Aston Firs            | 02/07/2003 | 11000     | 310  | 446082  | 293820   |
| Blaby Bypass, nr Winchester Avenue, Blaby                        | Blaby By-Pass Nr Winchester Avenue        | 23/04/2001 | 15000     | 650  | 456246  | 297893   |
| Narborough Rd South N / Fosse Park Ave / Narborough Road South S | Motorway Spur Road                        | 18/11/2003 | 33900     | 1450 | 455520  | 300540   |
| Narborough Rd South N / Fosse Park Ave / Narborough Road South S | Narborough Road South N                   | 18/11/2003 | 27800     | 880  | 455520  | 300540   |
| Narborough Rd South N / Fosse Park Ave / Narborough Road South S | Narborough Road South S                   | 18/11/2003 | 25700     | 1120 | 455520  | 300540   |
| Narborough Rd South N / Fosse Park Ave / Narborough Road South S | Fosse Park Avenue                         | 18/11/2003 | 20300     | 550  | 455520  | 300540   |
| Narborough Road South, N of Asda roundabout, Braunstone          | 50m N of Asda roundabout                  | 29/09/2003 | 29200     | 1180 | 456090  | 301268   |
| Narborough Road South, N of Asda roundabout, Braunstone          | 50m N of Asda roundabout                  | 14/06/2004 | 25000     | 880  | 456090  | 301268   |
| Narborough Road South, N of Asda roundabout, Braunstone          | 50m N of Asda roundabout                  | 16/09/2002 | 13400     | 560  | 456090  | 301268   |
| Lubbesthorpe Way on Osiers Bridge, Braunstone                    | Lubbesthorpe Way on Osiers Bridge         | 19/06/2001 | 31400     | 2170 | 455170  | 300650   |
| Lubbesthorpe Way, near Osiers Bridge                             | Lubbesthorpe Way, near Osiers Bridge      | 02/07/2001 | 15000     | 1450 | 455220  | 300740   |
| Lubbesthorpe Way / A5460 slips / Meridian South, Braunstone      | Lubbesthorpe Way S                        | 18/11/2003 | 34600     | 2040 | 455146  | 300767   |
| Lubbesthorpe Way / A5460 slips / Meridian South, Braunstone      | Lubbesthorpe Way N                        | 18/11/2003 | 25500     | 1410 | 455146  | 300767   |
| Lubbesthorpe Way / A5460 slips / Meridian South, Braunstone      | A5460 Slip Roads                          | 18/11/2003 | 15200     | 1410 | 455146  | 300767   |
| Lubbesthorpe Way / A5460 slips / Meridian South, Braunstone      | Meridian South                            | 18/11/2003 | 11000     | 730  | 455146  | 300767   |
| Lubbesthorpe Way, nr Meridian Bridge, Braunstone                 | Lubbesthorpe Way, Nr Meridian Bridge      | 08/04/2002 | 25200     | 1160 | 455049  | 302497   |
| Lubbesthorpe Way, nr Meridian Bridge, Braunstone                 | Lubbesthorpe Way, Nr Meridian Bridge      | 25/03/2004 | 23300     | 1450 | 455049  | 302497   |
| Lubbesthorpe Way, nr Meridian Bridge, Braunstone                 | Lubbesthorpe Way, Nr Meridian Bridge      | 23/05/2003 | 23200     | 1280 | 455049  | 302497   |
| Coventry Road, railway bridge N of Croft Road, Croft             | Coventry Road nr junction with Croft Road | 24/04/2002 | 12200     | 600  | 452774  | 296391   |
| Coventry Road, N of junction with B581, Broughton Astley         | Coventry Road                             | 13/05/2003 | 14600     | 960  | 451239  | 294219   |
| Coventry Road, N of junction with B581, Broughton Astley         | Coventry Road                             | 25/05/2004 | 14000     | 1110 | 451239  | 294219   |
| Coventry Road, N of junction with B581, Broughton Astley         | Coventry Road                             | 05/04/2001 | 12600     | 1330 | 451239  | 294219   |
| Narborough Rd S / Soar Valley Way / Lubbesthorpe Way, Enderby    | Narborough Rd South S                     | 18/11/2003 | 45800     | 2370 | 455350  | 300075   |
| Narborough Rd S / Soar Valley Way / Lubbesthorpe Way, Enderby    | Lubbesthorpe Way                          | 18/11/2003 | 37900     | 2770 | 455350  | 300075   |
| Narborough Rd S / Soar Valley Way / Lubbesthorpe Way, Enderby    | Soar Valley Way                           | 18/11/2003 | 35500     | 2020 | 455350  | 300075   |
| Narborough Rd S / Soar Valley Way / Lubbesthorpe Way, Enderby    | Narborough Rd South N                     | 18/11/2003 | 23500     | 1050 | 455350  | 300075   |
| Lubbesthorpe Way to A5460 link, SW quadrant, Enderby             | Lubbesthorpe Way, Nr A46 Jctn             | 25/04/2001 | 21100     | 1710 | 455130  | 300470   |
| Lubbesthorpe Way to A5460 link, SW quadrant, Enderby             | Lubbesthorpe Way, Nr A46 Jctn             | 11/04/2002 | 17400     | 1620 | 455130  | 300470   |
| Soar Valley Way/Grove way, Enderby                               | Soar Valley Way eastbnd                   | 18/07/2005 | 43300     | 1690 | 456032  | 300000   |

|  |   |            |       |      |        |        |
|--|---|------------|-------|------|--------|--------|
| Soar Valley Way/Grove way, Enderby                       | Soar Valley Way westbnd                         | 18/07/2005 | 42700 | 1680 | 456032 | 300000 |
| Soar Valley Way, Enderby                                 | Soar Valley Way                                 | 01/07/2004 | 39100 | 2350 | 456032 | 300000 |
| Soar Valley Way, Enderby                                 | Soar Valley Way                                 | 06/05/2003 | 37700 | 2480 | 456032 | 300000 |
| Soar Valley Way, Enderby                                 | Soar Valley Way                                 | 21/03/2001 | 33200 | 2500 | 456032 | 300000 |
| Soar Valley Way/Grove way, Enderby                       | Grove Way                                       | 18/07/2005 | 12300 | 90   | 456032 | 300000 |
| Narborough Road South, S of Asda roundabout, Enderby     | Narborough Road South                           | 27/11/2001 | 42200 | 1990 | 455277 | 299830 |
| St Johns, Enderby btwn Leicester Lane/Foxhunter          | St Johns, Enderby btwn Leicester Lane/Foxhunter | 25/05/2004 | 36500 | 2390 | 455219 | 299406 |
| St Johns, Enderby btwn Leicester Lane/Foxhunter          | St Johns, Enderby btwn Leicester Lane/Foxhunter | 17/05/2005 | 36000 | 2150 | 455219 | 299406 |
| St Johns, Enderby btwn Leicester Lane/Foxhunter          | St Johns, Enderby btwn Leicester Lane/Foxhunter | 03/06/2003 | 36000 | 2250 | 455219 | 299406 |
| St Johns, Enderby btwn Leicester Lane/Foxhunter          | St Johns, Enderby btwn Leicester Lane/Foxhunter | 18/08/2005 | 33500 | 1740 | 455219 | 299406 |
| St Johns, Enderby btwn Leicester Lane/Foxhunter          | St Johns, Enderby btwn Leicester Lane/Foxhunter | 20/07/2005 | 32900 | 1670 | 455219 | 299406 |
| Leicester Lane/Smith Way, Enderby                        | Leicester Lane West                             | 08/09/2005 | 10400 | 140  | 455009 | 299768 |
| Leicester Lane/Smith Way, Enderby                        | Leicester Lane East                             | 08/09/2005 | 8800  | 130  | 455009 | 299768 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Hall Walk                                       | 10/05/2005 | 14100 | 1040 | 453714 | 299445 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Hall Walk                                       | 08/05/2002 | 13700 | 1010 | 453714 | 299445 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Blaby Road                                      | 08/05/2002 | 11000 | 530  | 453714 | 299445 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Blaby Road                                      | 10/05/2005 | 10900 | 960  | 453714 | 299445 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Leicester Lane                                  | 10/05/2005 | 9900  | 170  | 453714 | 299445 |
| Hall Walk/Leicester Lane/Blaby Road/High Street, Enderby | Leicester Lane                                  | 08/05/2002 | 8700  | 530  | 453714 | 299445 |
| Grove Way, S of Everard Way, Enderby                     | Grove Way Fosse Park Enderby                    | 26/11/2002 | 12500 | 130  | 455671 | 300045 |
| Grove Way, S of Everard Way, Enderby                     | Grove Way Fosse Park Enderby                    | 27/11/2001 | 12200 | 160  | 455671 | 300045 |
| Grove Way, S of Everard Way, Enderby                     | Grove Way Fosse Park Enderby                    | 27/07/2005 | 11500 | 90   | 455671 | 300045 |
| Grove Way, S of Everard Way, Enderby                     | Grove Way Fosse Park Enderby                    | 17/05/2005 | 11000 | 90   | 455671 | 300045 |
| Fosse Park Avenue, Enderby                               | Fosse Park Avenue, Enderby                      | 08/12/2005 | 22100 | 500  | 455599 | 300517 |
| Little Glen Road, E of Westminster Drive, Glen Parva     | Little Glen Road                                | 06/02/2001 | 11800 | 360  | 457690 | 298208 |
| Little Glen Road, E of Westminster Drive, Glen Parva     | Little Glen Road                                | 08/07/2003 | 9700  | 370  | 457690 | 298208 |
| Little Glen Road, Glen Parva                             | Little Glen Road, Glen Parva                    | 07/07/2004 | 10800 | 380  | 457648 | 298237 |
| The Ford/Little Glen Road, Glen Parva                    | Little Glen RoadTo:                             | 20/06/2001 | 11200 | 270  | 457648 | 298237 |

|   |                                      |            |       |      |        |        |
|---|--------------------------------------|------------|-------|------|--------|--------|
| The Ford/Little Glen Road, Glen Parva                 | Little Glen RoadTo:                  | 20/06/2001 | 11200 | 270  | 457648 | 298237 |
| Leicester Road, opposite County Hall, Glenfield       | Leicester Road, opposite County Hall | 14/06/2005 | 24200 | 1160 | 455000 | 306620 |
| Leicester Road, opposite County Hall, Glenfield       | Leicester Road, opposite County Hall | 09/08/2005 | 24100 | 780  | 455000 | 306620 |
| Leicester Road, opposite County Hall, Glenfield       | Leicester Road, opposite County Hall | 24/06/2003 | 22600 | 1520 | 455000 | 306620 |
| Leicester Road, opposite County Hall, Glenfield       | Leicester Road, opposite County Hall | 24/05/2001 | 21900 | 1540 | 455000 | 306620 |
| Groby Road, Rothley Brook, Glenfield                  | Groby Road                           | 05/12/2001 | 24200 | 1420 | 454072 | 307105 |
| Groby Road, Groby, SE of A46 jctn                     | Groby Road, Groby, SE of A46 jctn    | 31/03/2003 | 23000 | 1310 | 454020 | 307160 |
| Ratby Lane/Ratby Lane, Kirby Muxloe                   | Ratby Lane North                     | 18/05/2005 | 15700 | 870  | 453129 | 304540 |
| Ratby Lane/Ratby Lane, Kirby Muxloe                   | Ratby Lane South                     | 18/05/2005 | 14500 | 860  | 453129 | 304540 |
| Ratby Lane/Ratby Lane, Kirby Muxloe                   | Ratby Lane West                      | 18/05/2005 | 11100 | 320  | 453129 | 304540 |
| Dominion Road by Dominion PH, Glenfield               | Dominion Road by Dominion PH         | 30/04/2002 | 9100  | 350  | 454664 | 305585 |
| Ratby Lane, Kirby Muxloe                              | Ratby Lane                           | 20/06/2002 | 11500 | 260  | 452922 | 304503 |
| Ratby Lane, Kirby Muxloe                              | Ratby Lane, Kirby Muxloe             | 23/03/2004 | 8600  | 290  | 452367 | 304848 |
| Ratby Lane/Main Street, Kirby Muxloe                  | Ratby Lane East                      | 16/11/2005 | 11800 | 350  | 452417 | 304828 |
| Ratby Lane/Main Street, Kirby Muxloe                  | Ratby Lane West                      | 16/11/2005 | 8600  | 300  | 452417 | 304828 |
| Wembley Road/Ratby Lane/Oak Spinney Park,Kirby Muxloe | Ratby Lane west                      | 18/05/2005 | 14900 | 1030 | 453673 | 303917 |
| Wembley Road/Ratby Lane/Oak Spinney Park,Kirby Muxloe | Ratby Lane east                      | 18/05/2005 | 12000 | 750  | 453673 | 303917 |
| Wembley Road/Ratby Lane, Kirby Muxloe                 | Ratby Lane W                         | 22/01/2002 | 13700 | 360  | 453673 | 303917 |
| Wembley Road/Ratby Lane, Kirby Muxloe                 | Ratby Lane E                         | 22/01/2002 | 11200 | 220  | 453673 | 303917 |
| Wembley Road/Ratby Lane, Kirby Muxloe Rotate          | C4107 Ratby Lane                     | 22/01/2002 | 13700 | 360  | 453673 | 303917 |
| Wembley Road/Ratby Lane, Kirby Muxloe Rotate          | C4107 Ratby LaneTo:                  | 22/01/2002 | 11200 | 220  | 453673 | 303917 |
| Hinckley Road / Desford Road, LFE                     | Hinckley Rd West                     | 15/06/2004 | 12200 | 740  | 450602 | 301997 |
| Hinckley Road / Desford Road, LFE                     | Hinckley Rd East                     | 15/06/2004 | 11100 | 760  | 450602 | 301997 |
| Hinckley Road / Desford Road, LFE                     | Desford Rd East                      | 15/06/2004 | 8400  | 490  | 450602 | 301997 |
| Hinckley Road, W of Beggars Lane                      | Hinckley Road, W of Beggars Lane     | 04/06/2003 | 11500 | 890  | 451824 | 302483 |
| Hinckley Road, W of Beggars Lane                      | Hinckley Road, W of Beggars Lane     | 06/05/2004 | 11200 | 1020 | 451824 | 302483 |
| Hinckley Road, W of Beggars Lane                      | Hinckley Road, W of Beggars Lane     | 12/04/2005 | 11000 | 790  | 451824 | 302483 |
| Hinckley Road/Maytree Drive, Leicester Forest East    | Hinckley Road South                  | 06/09/2001 | 13100 | 670  | 452272 | 302765 |
| Hinckley Road/Maytree Drive, Leicester Forest East    | Hinckley Road North                  | 06/09/2001 | 12700 | 710  | 452272 | 302765 |
| Hinckley Road/Beggars Lane, Leicester Forest East     | Hinckley Road East                   | 02/12/2004 | 13800 | 920  | 452228 | 302712 |
| Hinckley Road/Beggars Lane, Leicester Forest East     | Beggars Lane                         | 04/09/2001 | 12500 | 820  | 452228 | 302712 |
| Hinckley Road/Beggars Lane, Leicester Forest East     | Hinckley Road West                   | 02/12/2004 | 11300 | 910  | 452228 | 302712 |

|  |   |            |       |      |        |        |
|--|---|------------|-------|------|--------|--------|
| Hinckley Road/Beggars Lane, Leicester Forest East      | Hinckley Road East                          | 04/09/2001 | 10500 | 800  | 452228 | 302712 |
| Hinckley Road/Warren Lane, Leicester Forest East       | Hinckley Road East                          | 02/12/2004 | 16400 | 840  | 452536 | 303010 |
| Hinckley Road/Warren Lane, Leicester Forest East       | Warren Lane                                 | 04/09/2001 | 16300 | 940  | 452536 | 303010 |
| Hinckley Road/Warren Lane, Leicester Forest East       | Hinckley Road West                          | 02/12/2004 | 13600 | 820  | 452536 | 303010 |
| Hinckley Road/Warren Lane, Leicester Forest East       | Hinckley Road East                          | 04/09/2001 | 13500 | 890  | 452536 | 303010 |
| Hinckley Road, nr M1 bridge, Leicester Forest East     | Hinckley Road                               | 30/09/2002 | 19800 | 1060 | 453608 | 303378 |
| Desford Road, Leicester Forest East                    | Desford Road                                | 11/04/2002 | 10600 | 510  | 450743 | 301900 |
| Hinckley Road, Leicester Forest West                   | Hinckley Road                               | 01/10/2002 | 12100 | 770  | 450110 | 301557 |
| Coventry Road, M1 bridge, Narborough                   | Coventry Road                               | 04/12/2003 | 25000 | 970  | 454471 | 298060 |
| Coventry Road, N of B4669 Leicester Rd, Stoney Stanton | Coventry Rd                                 | 08/07/2004 | 9100  | 730  | 450675 | 293564 |
| Coventry Road, N of B4669 Leicester Rd, Stoney Stanton | Coventry Rd                                 | 10/07/2003 | 9100  | 820  | 450675 | 293564 |
| Coventry Road, N of B4669 Leicester Rd, Stoney Stanton | Coventry Rd                                 | 12/07/2001 | 8500  | 810  | 450675 | 293564 |
| Enderby Road, Whetstone                                | Enderby Road Whetstone                      | 08/07/2003 | 21600 | 1000 | 455190 | 298280 |
| Enderby Road, Whetstone                                | Enderby Road Whetstone                      | 19/09/2001 | 21100 | 880  | 455190 | 298280 |
| Enderby Rd/Enderby Rd Ind Estate, Whetstone            | Enderby Road West                           | 09/09/2003 | 22600 | 880  | 455355 | 298073 |
| Enderby Rd/Enderby Rd Ind Estate, Whetstone            | Enderby Road East                           | 09/09/2003 | 22200 | 790  | 455355 | 298073 |
| Enderby Road, on railway bridge, Whetstone             | Enderby Road, on railway bridge, Whetstone  | 15/03/2004 | 22500 | 840  | 455486 | 298029 |
| Enderby Road, on railway bridge, Whetstone             | Enderby Road, on railway bridge, Whetstone  | 10/05/2005 | 21100 | 780  | 455486 | 298029 |
| Grove Road, East of Brook Street, Whetstone            | Grove Road, East of Brook Street, Whetstone | 26/04/2004 | 9100  | 360  | 455926 | 296968 |

## Appendix H- PM<sub>10</sub>

Blaby

Note:- Projections for intervening years should always be forward from the nearest available year of mapped background data.

| X      | Y      | PM10 2004 ugm-3 grav. annual mean | PM10 2005 ugm-3 grav. annual mean | PM10 2010 ugm-3 grav. annual mean | PM10 secondary 2004 ugm-3 grav. annual mean |
|--------|--------|-----------------------------------|-----------------------------------|-----------------------------------|---|
| 445500 | 291500 | 20.8                              | 20.6                              | 18.9                              | 9.77  |
| 445500 | 292500 | 21.4                              | 21.2                              | 19.4                              | 9.77  |
| 445500 | 293500 | 21.3                              | 21.1                              | 19.4                              | 9.77  |
| 445500 | 294500 | 21.1                              | 20.9                              | 19.1                              | 9.77  |
| 445500 | 295500 | 20.7                              | 20.5                              | 18.9                              | 9.77  |
| 446500 | 289500 | 20.1                              | 19.9                              | 18.2                              | 9.78  |
| 446500 | 290500 | 20.1                              | 19.9                              | 18.3                              | 9.77  |
| 446500 | 291500 | 20.4                              | 20.2                              | 18.5                              | 9.77  |
| 446500 | 292500 | 20.9                              | 20.7                              | 19                                | 9.77  |
| 446500 | 293500 | 21.1                              | 20.9                              | 19.2                              | 9.77  |
| 446500 | 294500 | 21.2                              | 20.9                              | 19.2                              | 9.77  |
| 446500 | 295500 | 20.9                              | 20.7                              | 19                                | 9.77  |
| 447500 | 289500 | 19.9                              | 19.7                              | 18.1                              | 9.78  |
| 447500 | 290500 | 19.9                              | 19.7                              | 18.1                              | 9.77  |
| 447500 | 291500 | 20                                | 19.8                              | 18.2                              | 9.77  |
| 447500 | 292500 | 20.6                              | 20.4                              | 18.8                              | 9.77  |
| 447500 | 293500 | 21.1                              | 20.9                              | 19.2                              | 9.77  |
| 447500 | 294500 | 21.6                              | 21.3                              | 19.6                              | 9.77  |
| 447500 | 295500 | 21.6                              | 21.3                              | 19.6                              | 9.77  |
| 447500 | 298500 | 20.7                              | 20.5                              | 18.9                              | 9.77  |
| 448500 | 291500 | 19.9                              | 19.7                              | 18.1                              | 9.77  |
| 448500 | 292500 | 20.3                              | 20.1                              | 18.5                              | 9.77  |
| 448500 | 293500 | 20.6                              | 20.4                              | 18.8                              | 9.77  |
| 448500 | 294500 | 21.1                              | 20.8                              | 19.2                              | 9.77  |
| 448500 | 295500 | 21.4                              | 21.2                              | 19.5                              | 9.77  |
| 448500 | 298500 | 20.5                              | 20.3                              | 18.8                              | 9.77  |
| 448500 | 299500 | 20.2                              | 20                                | 18.5                              | 9.77  |
| 449500 | 292500 | 20.3                              | 20                                | 18.5                              | 9.77  |
| 449500 | 293500 | 20.7                              | 20.5                              | 18.9                              | 9.77  |
| 449500 | 294500 | 20.9                              | 20.7                              | 19.1                              | 9.77  |
| 449500 | 295500 | 21.1                              | 20.9                              | 19.3                              | 9.77  |
| 449500 | 296500 | 21.1                              | 20.9                              | 19.2                              | 9.77  |
| 449500 | 297500 | 21.2                              | 21                                | 19.3                              | 9.77  |
| 449500 | 298500 | 20.7                              | 20.5                              | 18.9                              | 9.77  |
| 449500 | 299500 | 20.3                              | 20.1                              | 18.5                              | 9.77  |
| 449500 | 300500 | 20.6                              | 20.3                              | 18.8                              | 9.81  |
| 449500 | 301500 | 20.6                              | 20.4                              | 18.9                              | 9.81  |
| 450500 | 294500 | 21.2                              | 20.9                              | 19.4                              | 9.78  |
| 450500 | 295500 | 28.1                              | 27.2                              | 25.6                              | 9.78  |
| 450500 | 296500 | 28.3                              | 27.4                              | 25.7                              | 9.78  |
| 450500 | 297500 | 28.7                              | 27.7                              | 26.1                              | 9.78  |
| 450500 | 298500 | 21.7                              | 21.4                              | 19.7                              | 9.78  |
| 450500 | 299500 | 21.3                              | 21                                | 19.4                              | 9.78  |
| 450500 | 300500 | 21.2                              | 21                                | 19.4                              | 9.81  |
| 450500 | 301500 | 20.9                              | 20.7                              | 19.1                              | 9.81  |

|        |        |      |      |      |      |
|--------|--------|------|------|------|------|
| 450500 | 302500 | 21   | 20.8 | 19.2 | 9.81 |
| 450500 | 304500 | 22.5 | 22.4 | 20.9 | 9.81 |
| 451500 | 295500 | 28   | 27.1 | 25.6 | 9.78 |
| 451500 | 296500 | 28.1 | 27.2 | 25.6 | 9.78 |
| 451500 | 297500 | 28.5 | 27.6 | 25.9 | 9.78 |
| 451500 | 298500 | 22   | 21.7 | 19.9 | 9.78 |
| 451500 | 299500 | 21.8 | 21.5 | 19.8 | 9.78 |
| 451500 | 300500 | 21.6 | 21.4 | 19.7 | 9.81 |
| 451500 | 301500 | 21   | 20.8 | 19.2 | 9.81 |
| 451500 | 302500 | 21.2 | 21   | 19.4 | 9.81 |
| 451500 | 303500 | 22.1 | 21.9 | 20.2 | 9.81 |
| 452500 | 294500 | 21.1 | 20.8 | 19.2 | 9.78 |
| 452500 | 295500 | 27.9 | 26.9 | 25.4 | 9.78 |
| 452500 | 296500 | 28.2 | 27.2 | 25.7 | 9.78 |
| 452500 | 297500 | 28.5 | 27.5 | 26.2 | 9.78 |
| 452500 | 298500 | 22.2 | 21.9 | 20.2 | 9.78 |
| 452500 | 299500 | 22.3 | 22   | 20.3 | 9.78 |
| 452500 | 300500 | 22.3 | 22   | 20.2 | 9.81 |
| 452500 | 301500 | 21.8 | 21.5 | 19.8 | 9.81 |
| 452500 | 302500 | 22.5 | 22.3 | 20.4 | 9.81 |
| 452500 | 303500 | 24.1 | 23.8 | 21.8 | 9.81 |
| 452500 | 304500 | 24.4 | 24.1 | 22.1 | 9.81 |
| 452500 | 305500 | 24.5 | 24.2 | 22.2 | 9.81 |
| 453500 | 293500 | 20.5 | 20.3 | 18.7 | 9.78 |
| 453500 | 294500 | 20.8 | 20.5 | 18.9 | 9.78 |
| 453500 | 295500 | 21.7 | 21.4 | 19.8 | 9.78 |
| 453500 | 296500 | 22.6 | 22.3 | 20.5 | 9.78 |
| 453500 | 297500 | 23.6 | 23.2 | 21.3 | 9.78 |
| 453500 | 298500 | 24   | 23.7 | 21.7 | 9.78 |
| 453500 | 299500 | 24.6 | 24.2 | 22.1 | 9.78 |
| 453500 | 300500 | 24.9 | 24.7 | 22.8 | 9.81 |
| 453500 | 301500 | 24.4 | 24.1 | 21.9 | 9.81 |
| 453500 | 302500 | 24.3 | 24.1 | 22   | 9.81 |
| 453500 | 303500 | 25.3 | 25   | 22.9 | 9.81 |
| 453500 | 305500 | 24.4 | 24.2 | 22.2 | 9.81 |
| 453500 | 306500 | 23.5 | 23.3 | 21.3 | 9.81 |
| 454500 | 293500 | 21.9 | 21.6 | 19.7 | 9.78 |
| 454500 | 294500 | 22.5 | 22.2 | 20.3 | 9.78 |
| 454500 | 295500 | 23.6 | 23.3 | 21.4 | 9.78 |
| 454500 | 296500 | 24.1 | 23.7 | 21.7 | 9.78 |
| 454500 | 297500 | 24.8 | 24.4 | 22.4 | 9.78 |
| 454500 | 298500 | 24.5 | 24.2 | 22.1 | 9.78 |
| 454500 | 299500 | 25.4 | 25.1 | 22.9 | 9.78 |
| 454500 | 300500 | 25.6 | 25.3 | 23   | 9.81 |
| 454500 | 301500 | 25.3 | 25   | 22.7 | 9.81 |
| 454500 | 302500 | 25   | 24.7 | 22.5 | 9.81 |
| 454500 | 303500 | 25.1 | 25   | 22.9 | 9.81 |
| 454500 | 305500 | 23.7 | 23.6 | 21.7 | 9.81 |
| 454500 | 306500 | 23.3 | 23.1 | 21.2 | 9.81 |
| 454500 | 307500 | 23.1 | 22.8 | 20.9 | 9.81 |
| 455500 | 293500 | 22   | 21.7 | 19.8 | 9.78 |
| 455500 | 294500 | 22.6 | 22.3 | 20.4 | 9.78 |
| 455500 | 295500 | 23.9 | 23.5 | 21.6 | 9.78 |
| 455500 | 296500 | 24.4 | 24   | 22   | 9.78 |

|        |         |             |      |      |      |
|--------|---------|-------------|------|------|------|
| 455500 | 297500  | 25.2        | 24.8 | 22.7 | 9.78 |
| 455500 | 298500  | 24.7        | 24.4 | 22.3 | 9.78 |
| 455500 | 299500  | 25.4        | 25.1 | 22.9 | 9.78 |
| 455500 | 300500  | 25.6        | 25.3 | 23.1 | 9.81 |
| 455500 | 301500  | 25.2        | 24.9 | 22.7 | 9.81 |
| 455500 | 302500  | 24.3        | 24.1 | 22.1 | 9.81 |
| 456500 | 293500  | 21.6        | 21.3 | 19.4 | 9.78 |
| 456500 | 294500  | 22.1        | 21.8 | 19.9 | 9.78 |
| 456500 | 295500  | 22.7        | 22.4 | 20.5 | 9.78 |
| 456500 | 296500  | 22.7        | 22.4 | 20.6 | 9.78 |
| 456500 | 297500  | 22.9        | 22.7 | 20.8 | 9.78 |
| 456500 | 298500  | 22.6        | 22.4 | 20.6 | 9.78 |
| 456500 | 301500  | 23.7        | 23.5 | 21.6 | 9.81 |
| 457500 | 293500  | 20.1        | 19.9 | 18.2 | 9.78 |
| 457500 | 294500  | 20.5        | 20.3 | 18.7 | 9.78 |
| 457500 | 295500  | 21.1        | 20.9 | 19.2 | 9.78 |
| 457500 | 296500  | 21.6        | 21.4 | 19.7 | 9.78 |
| 457500 | 297500  | 22.3        | 22.1 | 20.3 | 9.78 |
| 457500 | 298500  | 22.6        | 22.4 | 20.6 | 9.78 |
| 458500 | 294500  | 20.4        | 20.2 | 18.5 | 9.78 |
| 458500 | 295500  | 20.8        | 20.6 | 19   | 9.78 |
| 459500 | 294500  | 20          | 19.8 | 18.2 | 9.78 |
| 459500 | 295500  | 20.3        | 20.1 | 18.5 | 9.78 |
| 460500 | 294500  | 19.9        | 19.7 | 18.1 | 10.1 |
| 460500 | 295500  | 20.2        | 20   | 18.4 | 10.1 |
| 461500 | 294500  | 19.8        | 19.6 | 18   | 10.1 |
| 462500 | 294500  | 19.6        | 19.4 | 17.8 | 10.1 |
| 462500 | 295500  | 19.8        | 19.6 | 18   | 10.1 |
|        | average | 22.51181102 |      |      |      |