

**Table 15: Summary of Nitrogen Dioxide Concentrations  
London Borough of Richmond upon Thames**

| Site Code | Type         | Distance from Source (m) | Period of Data Collection (weeks) | Average Conc ( $\mu\text{g}/\text{m}^3$ ) |      | Estimated 50th Percentile ( $\mu\text{g}/\text{m}^3$ ) |      | Estimated 98th Percentile ( $\mu\text{g}/\text{m}^3$ ) |      |
|-----------|--------------|--------------------------|-----------------------------------|---|------|--|------|--|------|
|           |              |                          |                                   | 1992                                      | 1993 | 1992   | 1993 | 1992   | 1993 |
| RM01      | Roadside     | 2.5                      | 49                                | 42  | 39   | 39   | 36   | 100  | 93   |
| RM02      | Intermediate | 25                       | 44                                | -   | 39   | -  | 36   | -  | 93   |
| RM03      | Background   | 50                       | 49                                | 39  | 33   | 36   | 31   | 93   | 79   |
| RM04      | Background   | 60                       | 45                                | 43  | 29   | 40   | 24   | 102  | 69   |
| RM05      | Background   | 250                      | 48                                | -   | 29   | -  | 27   | -  | 69   |
| RM06      | Intermediate | 27                       | 44                                | -   | 32   | -  | 30   | -  | 76   |
| RM07      | Background   | 500                      | 48                                | -   | 30   | -  | 28   | -  | 71   |
| RM08      | Intermediate | 20                       | 48                                | -   | 48   | -  | 45   | -  | 114  |
| RM09      | Background   | 100                      | 39                                | -   | 32   | -  | 30   | -  | 76   |
| RM10      | Roadside     | 4                        | 6                                 | -   | 31   | -  | -    | -  | -    |

### Summary

1993 average  $\text{NO}_2$  concentrations in the London Borough of Richmond upon Thames ranged from  $29 \mu\text{g}/\text{m}^3$  (RM04 and RM05) to  $48 \mu\text{g}/\text{m}^3$  (RM08). EC Limit and Guideline concentrations were not exceeded at any sites in the London Borough of Richmond upon Thames during 1992 or 1993.