

## **Air Quality in Calne**

### **1. Purpose of the report**

1.1 To report the comments of the officers regarding Air Quality in Calne

### **2. Recommendation**

2.1 **That the information be noted.**

### **3. Background Information**

- 3.1 Officers reported to the Calne Area (5) Committee in April the findings of air quality monitoring conducted in 2004. (Minute CA53 refers).
- 3.2 At the meeting in June the Committee considered the request of the Calne Town Council to “discuss the need to monitor the air quality afresh following the new traffic calming scheme in the centre of Calne”.
- 3.3 Officers provided information to the July meeting, confirming that in their opinion the works did would “cause a breach of air quality objectives”.
- 3.4 The Committee resolved that further information should reported to the October meeting. (Minute CA9 refers). The item was deferred to the December meeting to allow further information to be reported. The officers comments are included as Appendix One.

### **4. Financial Implications**

4.1 There are no significant financial implications.

### **5. Environment and Community Implications**

5.1 There are no significant environment and community implications..

### **6. Human Resources & Equal Opportunities Implications**

6.1 There are no significant human resources implications.

### **7. Legal implications**

8.1 There are no significant legal implications

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## Air Quality - NWDC Officers Comments

1. Concerns were raised from residents regarding the traffic calming scheme in Calne and its impact on air quality.
2. I explained in June 2005 that the recent scheme implemented in Calne Town Centre would not, in my opinion, constitute a significant change in circumstances that would have an impact on air quality.
3. I also explained that a passive Nitrogen dioxide diffusion tube is stationed in Wood Street anyway and this tube will tell us all we need to know with regard to if there is any adverse impact on air quality.
4. There are two objectives for Nitrogen Dioxide, an annual mean of  $40 \text{ ug/m}^3$  and a 1 hour limit value of  $200 \text{ ug/m}^3$  not to be exceeded more than 18 times per year. Government advice is that it is unlikely that the 1 hour objective will be exceeded if the annual mean is less than  $60 \text{ ug/m}^3$ .
5. I can confirm that the mean for the period January to October 2005(10 months) is  $31.7 \text{ ug/m}^3$ . This is well below the 40 and significantly lower than the 60 mentioned above.
6. The concentrations measured is clear evidence, in my opinion, that the works/traffic will **not** cause a breach of air quality objectives.