

Air Quality

**Caerphilly Town Centre Air
Quality Management Area**

Air Quality Monitoring



- **Diffusion Tube Monitoring – 48 locations throughout the borough (3 background)**
- **Air Quality Monitoring Trailer**
- **Real time continuous Nitrogen Dioxide analyser/PM₁₀ BAM analyser– on White Street**

A brief history of Air Quality

- **First review 2000 – No problem pollutants identified**
- **USA 2003 – NO₂ raised as a pollutant of concern in Caerphilly**
- **Extended monitoring network within Caerphilly**
- **Progressed to gather continuous data/identify trends etc.**
- **Proceeded to a Detailed Assessment 2005/06 within Caerphilly**

Air Quality



Caerphilly – A problem area

Detailed Assessment - Caerphilly

- To provide an accurate assessment of the likelihood of an air quality standard being exceeded at a location with relevant exposure



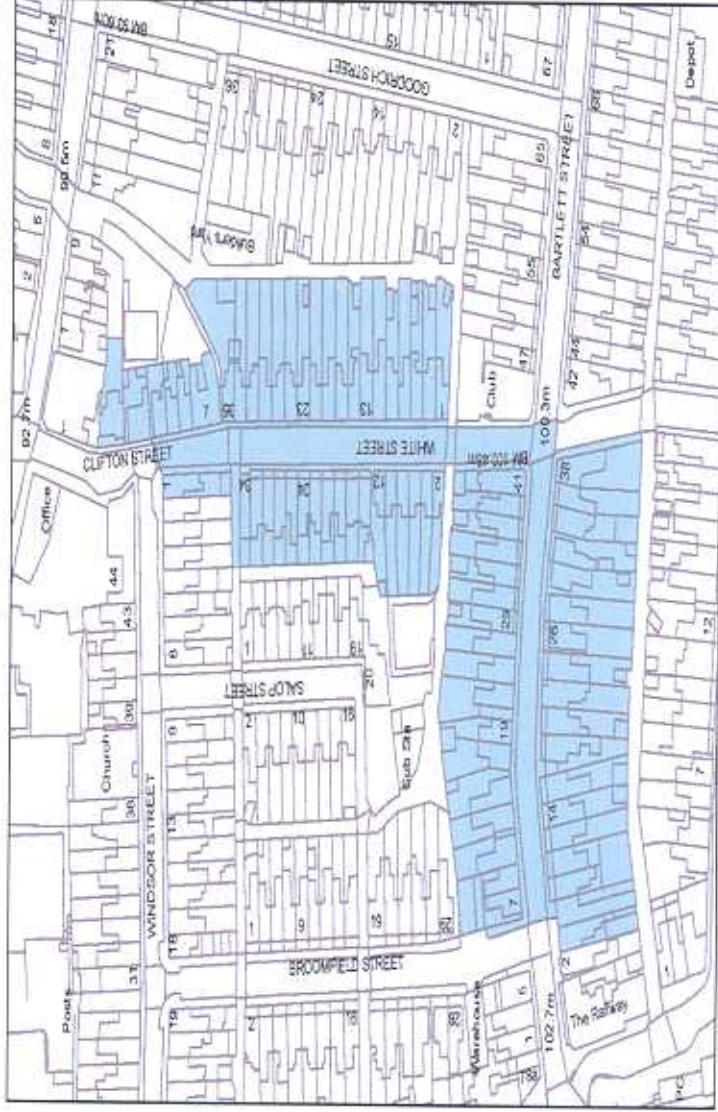
Diffusion Tube Locations



Caerphilly Town Centre AQMA

Caerphilly Town Centre Air Quality Management Area

1:1,250

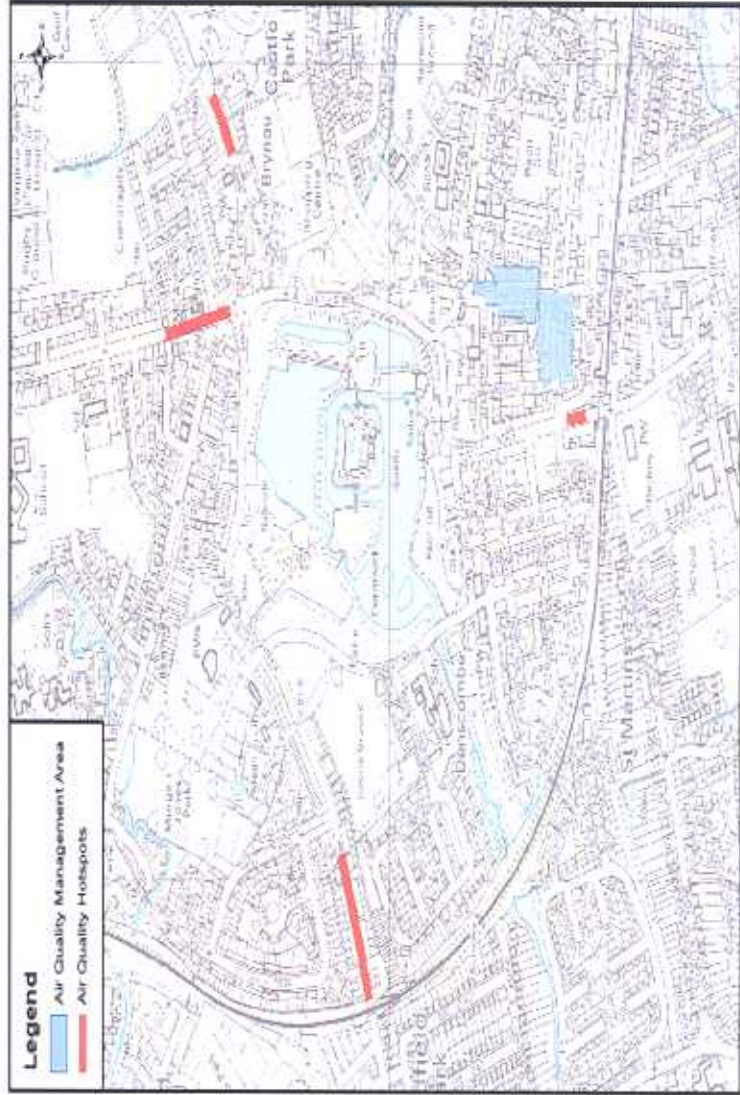


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Hotspot Areas

Caerphilly Town Centre Air Quality Hotspots

1:7,000



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What is required?

- **Set up a Steering Group**
- **Method of communication**
- **Carry out a Further Assessment of air quality within the AQMA (within next 12 months)**
- **Draw up an Action Plan (within the next 18 months)**
- **Put Action Plan into practice!**

Timetable of Events

- **Steering Group meetings every 3 months**
- **Technical Officer group when necessary**
- **Further Assessment – Sept 09**
- **Public consultation Sept-Dec 09**
- **Action Plan submit to WAG – March 2010**