



MERTHYR TYDFIL
County Borough Council

Cyngor Bwrdeistref Sirol
MERTHYR TUDFUL

2015 Updating and Screening Assessment Executive Summary for Merthyr Tydfil County Borough Council

In fulfillment of Part IV of the
Environment Act 1995
Local Air Quality Management

Date (June, 2016)

Executive Summary (English)

This report fulfils the requirements of the Local Air Quality Management process as set out in Part IV of the Environment Act (1995), the Air Quality Strategy for England, Scotland, Wales and Northern Ireland 2007 and the relevant Policy and Technical Guidance documents.

The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether or not the air quality objectives are likely to be achieved. Where exceedances are considered likely, the local authority must then declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) setting out the measures it intends to put in place in pursuit of the objectives.

Diffusion tubes indicate that nitrogen dioxide levels found at sites around 55 Twynrodyn Road exceeded the annual mean air quality objective. NO₂ results increased at all sites across the district during 2013 and fell but remained higher than 2012 levels in 2014. This is believed to be a consequence of roadworks during 2013 and 2014, which disrupted traffic flow around the district. As the roadworks to improve traffic flow around the district have been completed it is expected NO₂ levels will reduce, however early indications are they will not reduce on Twynrodyn Road to below the air quality objective.

Additional monitoring in the location of Twynrodyn Road was carried out using an ECC monitor, to monitor 15 minute NO₂ concentrations from March 2014 onwards. This indicated the need for further action. Subsequently in 2015 a detailed assessment of air quality along Twynrodyn Road was carried out.

As a consequence of that detailed assessment the Council is going through the legal process of declaring of an Air Quality Management Area for this location. The Environmental Health Department is working with Engineering to achieve traffic management solutions. Modelling has been commissioned.