

Lydney's Air Quality – information received on 14th October 2013

Summary of local Air Quality Management Area Lydney

As you are aware, The Forest of Dean District Council declared an Air Quality Management Area (AQMA) in Lydney town centre in July 2010, due to elevated Nitrogen Dioxide (NO₂) emissions. The next stage of the process was to produce an Air Quality Action Plan (AQAP), in consultation with Gloucestershire County Council, in accordance with the Environment Act 1995. In August 2012, a 3 month public consultation period was undertaken and below provides a summary of the work undertaken so far to progress the AQAP.

Consultation Process

It was agreed at the Lydney AQMA Consultation Group meeting, held at the Council Offices on 17 July 2012, that the aim of the public consultation was to get the public's feedback on the proposed options, as discussed in the June 2012 Members Briefing. The public consultation was to begin in the middle of August (2012) and last for three months. During this time, all residents within the AQMA and all businesses in the Lydney area, were sent a letter and a questionnaire asking for their thoughts on air quality in Lydney in general, whether they agree or disagree with the main options and to make any further comments. Officers from the Environmental Services Group also manned displays at Tescos and Co-op in Lydney to encourage public engagement. Unmanned displays were also placed in prominent locations throughout this consultation period. Martin Quaile and Karen Toomer also spoke on local radio regarding the work being undertaken. We have had an overwhelming response from the public, who have put forward new possible options for improving the quality of air in Lydney and we are currently collating this data.

Defra Funding Award

In January 2013 the Council was successful in a bid for Defra funding for traffic data collection and transport modelling costs. This work will aid us in our 'Options Evaluation' process when assessing measures to reduce vehicle emissions in the AQMA. The traffic data has now been collated and the base modelling has been done with present the traffic flows and types of vehicles types. Origin and destination of vehicles will also be looked at. With this information the options can now be looked at including future year demands (up to 2026). This part of the project is currently being looked at (Oct 2013).

Nitrogen dioxide Monitoring is still being undertaken

Table 4 - Results of NO₂ Diffusion Tubes 2012 (Taken from Air Quality Progress Report 2013)

Site ID	Location	Within AQMA?	Data Capture 2012	2012 Annual Mean Concentration (µg/m ³) Bias Adjusted
CIN01	Cinderford – St Whites Terrace	No	100	25.1
CIN02	Cinderford – Berisford Court	No	100	26.0

Site ID	Location	Within AQMA?	Data Capture 2012	2012 Annual Mean Concentration ($\mu\text{g}/\text{m}^3$) Bias Adjusted
CIN03	Cinderford – Bottom High St	No	100	25.0
COL01	Coleford – Gloucester Road	No	91	37.8 ^{††}
COL02	Coleford – Market Place	No	100	25.8
COL03	Coleford – Old Vicarage Court	No	100	29.0
HUN02	Huntley - The Red Lion junction	No	82	26.0
LYD01	Lydney – Top High St	Yes	100	49.7[†]
LYD02	Lydney – Newerne Street	Yes	100	24.7
LYD03	Lydney – Mid High St	Yes	100	45.1[†]
LYD04	Lydney – Bottom High St	Yes	100	44.1[†]
LYD05	Lydney - Regents Arcade	Yes	91	42.5[†]
LYD06	Lydney – Bream Junction (Triplicate 1 of 3)	Yes	100	45.7[†]
LYD08	Lydney – Mid Bream Road	Yes	100	44.5[†]
LYD09	Lydney – Top Bream Road	Yes	100	47.5[†]
LYD10	Lydney – Old Chip Shop, Forest Road	Yes	100	30.0
LYD11	Lydney – Forest Road	Yes	100	20.3
LYD12	Lydney – Newerne Street	Yes	100	36.0 ^{††}
LYD13	Lydney – Bream Junction (Triplicate 2 of 3)	Yes	100	46.4[†]
LYD14	Lydney – Bream Junction (Triplicate 3 of 3)	Yes	100	44.3[†]
LYD15	Lydney – Highfield Lane	No	91	15.5
MIT01	Mitcheldean – The Merrin	No	100	31.7
NAI01	Nailbridge - Crossroads	No	100	37.1 ^{††}
NEW01	Newent – opp. Clifton House, High Street	No	100	24.3
NEW02	Newent – Church Street	No	100	27.9
NOS02	Newnham-on-Severn - High St	No	100	33.8
NOS03	Newnham-on-Severn - High St	No	100	31.1
NOS04	Newnham-on-Severn - High St	No	100	35.5 ^{††}
NOS05	Newnham-on-Severn - High St	No	100	27.9
WOS01	Westbury-on-Severn - High St - bus stop	No	82	24.3

[†] Concentrations exceeding Air Quality Objectives ($>40\mu\text{g}/\text{m}^3$)

^{††} Concentrations within 10% of Air Quality Objectives ($40\mu\text{g}/\text{m}^3$)