

Extract from Woking Borough Council LAQM updating and screening assessment 2015 April 2015

3. Road traffic sources

3.1 Narrow congested streets with residential properties close to the kerb

Woking Council confirms that there are no new/ newly identified congested streets with a flow above 5,000 vehicles per day and residential properties close to the kerb, that have not been adequately considered in previous rounds of Review and Assessment.

3.2 Busy streets where people may spend 1-hour or more close to traffic

Woking Council confirms that there are no new /newly identified busy streets where people may spend 1 hour or more close to traffic.

3.3 Roads with a high flow of buses and/ or HGVs.

Preparation and construction works for the new link road as part of the Sheerwater Access Improvement Scheme commenced in February 2013 and were completed in November 2013. Sheerwater Business Park was adversely affected by poor access to the M25 for larger heavy goods vehicles (HGVs), which had to negotiate the narrow, residential streets of Eve Road and Arnold Road on route to the M25, before the new link road was constructed. A two-way link road joining Monument Way East with Albert Drive was constructed to provide direct access into the Sheerwater Business Park and beyond from both directions. Consequently, the link road sees an unusually high proportion of HDV vehicles leading to the industrial estate.

Mayer Brown Limited (2012) was commissioned by WBC to undertake a qualitative review of the air quality implications associated with the proposed Sheerwater Link Road. The report determined that air quality conditions on Monument Road, adjacent to the Sheerwater Link road, were improving as a result of improved traffic flow in the area. Both diffusion tubes on Monument Road measured concentrations of NO₂ well below the annual average of 40 µgm⁻³ in 2014.

A traffic assessment undertaken for the Link Road demonstrated that the proposals would result in improved amenity of residential areas by reducing traffic flows on Eve Road and Arnold Road and moving traffic from the nearest receptors to the business park (Mayer Brown Limited, 2011 & 2012).

Woking Council confirms that it has assessed newly identified roads with high flows of buses or HDVs in a busy street where people may spend 1 hour or more close to traffic that have not previously been assessed, and concluded that it will not be necessary to proceed to a Detailed Assessment.

3.4 Junctions

As discussed in Section 3.3, the junction between Monument Way and Albert Drive has led to improved traffic flows in the area. Woking Council has assessed newly identified junctions meeting the criteria in Section A.4 of Box 5.3 in TG(09), and concluded that it will not be necessary to proceed to a Detailed Assessment.

3.5 New roads constructed or proposed since the last round of review and assessment

The two-way link road joining Monument Way East with Albert Drive at Sheerwater Business Park has been newly identified since the previous round of review and assessment. As discussed in Section 3.3, a traffic assessment undertaken for the new Link Road demonstrated that the proposals would result in improved amenity of residential areas by reducing traffic flows on Eve Road and Arnold Road and moving traffic from the nearest receptors to the nearby business park (Mayer Brown Limited, 2011 & 2012).

Woking Council has assessed new roads meeting the criteria in Section A.5 of Box 5.3 in TG(09), and concluded that it will not be necessary to proceed to a Detailed Assessment.