

INTERNAL MEMORANDUM

To: Mel Ferreira (Planning case officer)
From: Matt Davies (Ecologist)
Ext: 5278
Memo #: 2

Date: 02nd February 2021

SUBJECT: P/20/0262 | REMOVAL OF CONDITION H ATTACHED TO APPEAL DECISIONS APP6410/C/95/508749 AND APP6410/C/95/508750, WHICH CURRENTLY RESTRICTS THE USE OF THE FLOODLIGHTING (REMOVAL OF CONDITION APPLICATION) | MERTHYR MOTOR AUCTIONS PANT ROAD DOWLAIS MERTHYR TYDFIL CF48 3SH

The following documents have now been submitted in support of this application (NB document #3 has been revised):

1. Jacobs: MMA Environmental Lighting Impact Assessment, B2191100/D2/1/2/310|R1, received: 29th October 2020.
2. BE Ecological, Merthyr Motor Auctions, Ecological Assessment, Issue 2 1VB, received: 29th October 2020.
3. 2463.R8 – MMA Lighting Report. Qoda Light (date of document not included)
4. Planning Supporting Statement. Merthyr Motor Auctions. Removal of Condition Restricting Use of Lighting. HRT, October 2020

The proposed onsite lighting now conforms to ILP/BCT guidelines (<https://theilp.org.uk/publication/guidance-note-8-bats-and-artificial-lighting/>) and light spill along the eastern boundary of the site has been reduced.

The light spill along the hedgerow at the eastern boundary now has illuminance of 0.2lux or below on the horizontal plane and below 0.4lux on the vertical plane (<https://theilp.org.uk/publication/guidance-note-8-bats-and-artificial-lighting/>). These figures are in line with research findings for the illuminance found at hedgerows used, for example, by *Myotis* spp and lesser horseshoe bats, species well known for their light averse behaviour (Stone et al, 2012¹).

This is now acceptable.

No gaps have been identified in the hedges/vegetation at the boundaries, however, enhancement in accordance with the Environment (Wales) Act 2016 is still required.

Suggestions for enhancement:

- A wildflower strip created on the grass verge that runs along the eastern boundary to benefit pollinators (also to include species that would benefit bats). A 5-year maintenance and

¹ Stone, E.L., Jones, G., Harris, S. (2012). Conserving energy at a cost to biodiversity? Impacts of LED lighting on bats. *Glob. Change Biol.* 18, 2458-2465.

management plan will be provided. This can be a condition of the planning permission (if granted).