



The Ecology Co-op

ENVIRONMENTAL CONSULTANTS

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Planning Officer

Reading Borough Council

15th November 2022

Ref: 211843 | Reading Golf Club – Latest Lighting Scheme – Ecological Technical Note

Dear Sir/Madam,

This letter has been produced following a meeting between Vistry Thames Valley (the applicant), MJA Consulting (lighting consultants) and The Ecology Co-op (ecological consultants) in relation to the above scheme.

Condition 21 of the granted outline planning permission states:

“External Lighting – To Be Approved

21. No dwelling hereby permitted shall be occupied until a report detailing the external lighting scheme and how this will not adversely impact upon wildlife has been submitted to and approved in writing by the LPA. The report shall include the following figures and appendices:

- A map showing no light zones*
- A layout plan indicating the locations, height, luminance, lens/shape/beam pattern and orientation of all lights*
- A schedule of equipment and specifications of all lights*
- Measures to avoid glare*
- An isolux contour map showing light spillage to 1 lux*

No dwelling within an approved phase shall be first occupied until the external lighting scheme for that phase has been fully provided in accordance with the approved details.

REASON: To limit the impact of light pollution from artificial light on nature conservation in accordance with Policy EN12 of the Reading Borough Local Plan 2019”

[illegible]

Figure 2. The extent of the proposed no light zones (shown in grey) within the development at Reading Golf Club. Produced by The Ecology Co-op using QGIS software.

During the meeting between consultants, MJA consulting informed me that 6m street light columns would be required in order for carriageways to be adopted by Reading Borough Council, and that the facing of some lighting towards the dark zones, and the siting of all lighting >15m from the dark zones could not be achieved under the current scheme as recommended within the LEMP and Construction Ecological Management Plan (CEMP). It was my advice that a number of streetlights should be relocated to increase the distance between the columns and the edge of the dark zones. This advice has been adopted within the latest lighting plan (Figure 2) in order to maintain a light level at or below 1 lux along the boundary of the dark zones.

It is my professional opinion that the street lighting, as shown in Figure 2, has been appropriately designed in order to avoid/minimise impacts on foraging/commuting bats as far as possible as well as maintaining dark corridors within the developed site.

I trust the above information is sufficient, please do not hesitate to contact myself should you require any further information.

Yours faithfully,

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