

Ecology response for F/24/96865 THE WIDE LANE PAVILION, UNIVERSITY OF SOUTHAMPTON SPORTS GROUND, WIDE LANE, EASTLEIGH, SO50 5PE

Erection of floodlighting and associated development.

Rachael Morris

4/3/24

There are two corridors designated as priority habitat in this area (lowland mixed deciduous woodland and other chalk rivers). The western area of the site is included in the Itchen Valley (09) biodiversity opportunity area. Lakeside Country Park is located to the north of the site.

The proposed floodlights have the potential to illuminate the wooded areas to the west, to the south, to the east, along any paths and along the entrance road.

Any wildlife corridors including hedgerows, lines of trees or shrubs, and the Monks Brook corridor must be kept dark.

The planning statement by Bidwells (February 2024) section 3.2 states that *A comprehensive suite of bat surveys undertaken between May and October 2023 have informed this application. The lighting proposal has been designed to minimise light spill on to the trees, with particular attention being given to the areas where light sensitive bats were identified.*

The bat survey information and details of the lighting design as it affects bats must be submitted with this application. The Floodlighting plan/lighting equipment layout by Arup (P02, February 2024) does not provide the lighting specifications or any information about light levels, shielding, or light spillage.

As also requested by Sport England, a lighting plan with modelled lux levels is required. The lighting must meet the guidelines specified in [Guidance Note 8 Bats and Artificial Lighting | Institution of Lighting Professionals \(theilp.org.uk\)](https://www.theilp.org.uk/Guidance%20Note%208%20Bats%20and%20Artificial%20Lighting%20.pdf).

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