

1st July 2022
Our reference: 2022/02/07

Mid Kent Golf Club, Singlewell Road, Gravesend DA11 7RB Kent

Following a 'Preliminary Ecological Appraisal'¹ which identified the risk of bats being present in the golf clubhouse building (assessed as having low suitability for roosting bats), KB Ecology Ltd was commissioned to undertake night-time bat surveys.

The Bat Conservation Trust's guidelines provide a table stating the 'minimum number of presence/absence survey visits required to provide confidence in negative preliminary roost assessment from buildings, built structures and trees in summer.

Table 7.3 Recommended minimum number of survey visits for presence/absence surveys to give confidence in a negative result for structures (also recommended for trees but unlikely to give confidence in a negative result).

Low roost suitability	Moderate roost suitability	High roost suitability
One survey visit. One dusk emergence or dawn re-entry survey ^a (structures). No further surveys required (trees).	Two separate survey visits. One dusk emergence and a separate dawn re-entry survey. ^b	Three separate survey visits. At least one dusk emergence and a separate dawn re-entry survey. The third visit could be either dusk or dawn. ^b

^a Structures that have been categorised as low potential can be problematic and the number of surveys required should be judged on a case-by-case basis (see Section 5.2.9). If there is a possibility that quiet calling, late-emerging species are present then a dawn survey may be more appropriate, providing weather conditions are suitable. In some cases, more than one survey may be needed, particularly where there are several buildings in this category.

^b Multiple survey visits should be spread out to sample as much of the recommended survey period (see Table 7.1) as possible; it is recommended that surveys are spaced at least two weeks apart, preferably more. A dawn survey immediately after a dusk one is considered only one visit.

Table 7.1 Recommended timings for presence/absence surveys to give confidence in a negative result for structures (also recommended for trees but unlikely to give confidence in a negative result).

Low roost suitability	Moderate roost suitability	High roost suitability
May to August (structures) No further surveys required (trees)	May to September ^a with at least one of surveys between May and August ^b	May to September ^a with at least two of surveys between May and August ^b

Thus one night-time bat survey was undertaken in June 2022 by two surveyors (L Hoadley², S Stanley³) using Echo Meter Touch 2 Pro and Batlogger M2 bat detectors⁴.

No bats were seen emerging from the building during any of the surveys. Only a single noctule bat were seen and heard commuting.

¹ Report by KB Ecology, dated 29th April 2022 / Ref No 2022/02/07

² 5 years' experience in bat surveys

³ 12 years' experience in bat surveys

⁴ All surveyors were able to take recordings of bat species in either frequency division or full spectrum formats and were equipped with a bat detector that could produce audible bat calls during the survey. Also, at least one experienced surveyor was present on all of the surveys.

The building is thus not considered as being used as a bat roost and no mitigation or licence is expected to be needed prior to its demolition⁵.

⁵ Updated surveys should be carried out every two years, to check that usage hasn't changed, prior to works taking place.

Detailed Results:



Site Name and Building Number	Mid Kent Golf Club, Gravesend, DA11 7RB	Surveyor Name / Equipment	Liam Hoadley/Echo Meter Touch 2 Pro
Weather Conditions	cloud - 80% wind -2 rain - 0	Date	26/06/2022
Start Time	21:05	Finish Time	22:15
Air Temperature (°C) at Start of Survey	18	Air Temperature (°C) at End of Survey	16
Sunset	21:20	Sunrise	N/A

position around building:		N side							
Time	Species*	Activity**	Comments						
21.44	Noc	C	NS, very faint pass						
21.46	Noc	C	NS, very faint pass						
21.48	Noc	C	S, flew E to W past S side of building						
Activity - 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting			*S' = seen; 'NS' = not seen						
*species	common pip	45 pip	Noctule	Noc					

Site Name and Building Number	Mid Kent Golf Club, Gravesend	Surveyor Name / Equipment	Steve Stanley / Batlogger M2
Weather Conditions	Cloud: 80% Wind: 2 Rain: 0	Date	26th July 2022
Start Time	21:05	Finish Time	22:15
Air Temperature (°C) at Start of Survey	18	Air Temperature (°C) at End of Survey	16
Sunset	21:20	Sunrise	

Position:	South side of building								
Time	Species	Activity*	Comments						
21:48	Noctule	C	From north to south over building.						