

**19 Grovelands Lane,
Spencer's Wood,
Reading,**

PHASE 2 BAT SURVEY

Level 1 bat license holder no. 2020-46400-CLS-CLS

July 2024

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Prepared by

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SUMMARY

No bats emerged from the building, and activity was low with peak counts of single common pipistrelle, soprano pipistrelle and a noctule.

TIMING AND METHODOLOGY

The survey was conducted at dusk on the 6th May, 4th June, and 1st July 2024.

Surveyors were stationed to the northeast of the house viewing the northern elevations. And to the southeast viewing the southern and eastern elevations and the west viewing the western elevations. Canon XA40 HD digital camcorders with IR illumination were also employed at each station (see figure 1). Survey commenced 30 minutes before sunset and continued until 90 minutes after sundown. *EchotouchPro*, *Echotouch*, and *Batbox Duet* detectors were employed to monitor and record bat activity.



Figure 1. Locations of viewers, cameras (Blue stars) and flight paths (coloured lines)
(courtesy of Googlemaps)

RESULTS

The night of the 5th May was cloudy, calm and mild with a starting temperature of 14.5°C dropping to 13°C.

The night of the 4th June was cloudy, calm and mild with a starting temperature of 16°C dropping to 14.7°C. There was a brief sharp rain shower at 21.21-25pm.

The night of the 1st July was cloudy, warm breezy evening with a starting temperature of 17°C dropping to 16°C. There was very light drizzle on and off between 21.21-21.32 and a brief sharp rain shower at 21.55pm.

No bats emerged from the property, and activity was low with single soprano and common pipistrelles commuting across the site

SPECIES ENCOUNTERED

Soprano Pipistrelle *Pipistrellus pygmaeus*

One emerged from rear of neighbouring property and flew off to southeast (flightpath A on figure 1)

Common Pipistrelle *Pipistrellus pipistrellus*

One flew in from rear of neighbouring garden and flew off to southeast (flightpath B on figure 1) on 5th May. One flew in from garden to north and circled around rear yard including entering open fronted storage buildings on 4th June (flightpath C on fig.1). One flew in from east and up lane to cemetery to south of property on 1st July (flightpath D on fig.1).

Noctule *Nyctalus noctule*

High pass headed north to west of site on 1st July.

CONCLUSIONS

No bats emerged from the building, and activity was low with peak counts of single common pipistrelle, soprano pipistrelle and a noctule.

In the unlikely event of any bats being found during demolition or construction, all work must stop immediately, and Natural England must be called. Additional information is available on the Bat Conservation Trust website at <https://www.bats.org.uk/advice/imworking-on-a-building-with-bats/ive-found-a-bat-during-works>.

New exterior lighting should be avoided, but if necessary for security purposes, then the latest updated lighting guidance note (GN08/23) should be followed. This is available at Guidance Note 8 Bats and Artificial Lighting | Institution of Lighting Professionals (theilp.org.uk) and supersedes all previous guidance.

APPENDIX 1. FIELD DATA

Project	19 Grovelands	Start time	20.00	Finish	22.05	14.5 C at start 13 C at finish
	JD RD HD	5.5.24		sunset	20.33	Weather 90% cloud beaufort 0
Bat passes heard						
Station no.	Start time		No.	passes	comments	
NW, NE, SE	20.50	Soprano pipistrelle	1	1	Emerged from rear of no.21 and flew southeast	
SW, SE	20.59	Common pipistrelle	1	1	Emerged from rear of no.19 and flew southeast	

Project	19 Grovelands	Start time	20.40	Finish	22.45	16 C at start 14.5 C at finish
	JD RD HD	4.6.24		sunset	21.14	Weather 90% cloud beaufort sharp shower at 21.20-25
Bat passes heard						
Station no.	Start time		No.	passes	comments	
NW, NE, SE	21.29	Common pipistrelle	1	1	Flew in from north circling in yard including entering open fronted sheds (see flightpath C on fig 1	
SW, SE	21.33	Common pipistrelle	1	1	Flew north along Grovelands lane	

Project	19 Grovelands	Start time	20.40	Finish	22.53	17 C at start 16 C at finish
	JD RD HD	1.7.24		sunset	21.23	Weather 100% cloud beaufort 0 light drizzle at 21.23-27
Bat passes heard						
Station no.	Start time		No.	passes	comments	
SE, SW	21.44	Noctule	1	1	High pass to west of plot	
SW	21.45	Common pipistrelle	1	1	Flew in from east and away to west up cemetery lane (flightpath C on fig 1)	
SW	22.02	Common pipistrelle	1	1	HNS	

