404 Spen Lane, Gomersal, BD19 4LS

Dusk Emergence Bat Survey

June 2025

Report reference	2062b
Revision	1
Prepared by	Toby Fisher CEnv MCIEEM
Approved by	Andrew Westgarth CEnv MCIEEM
Issue date	Rev 1. 10th June 2025

This report is valid for a period of 12 months from the issue date.

01765 600 799
info@quantsenvironmental.com
quantsenvironmental.com
Quants Environmental Ltd, 65 Kirkby Road, Ripon, North Yorkshire. HG4 2HH

Contents

1 Introduction and Background

1.1.1.1 This report presents the results of a Dusk Emergence Bat Survey undertaken on a house and garage at 404 Spen Lane, Gomersal, Cleckheaton, BD19 4LS (grid reference SE20722594) as per the recommendations made in the following report:

- Quants Environmental Ltd. (2025). 404 Spen Lane, Gomersal, BD19 4LS. Preliminary Ecological Appraisal and Biodiversity Net Gain Assessment, February 2025. Ref. 2062a.

1.1.1.2 The aim of the survey was to determine the presence/absence of bat roosts at the site. A Dusk Emergence Bat Survey was undertaken at the site on 8th June 2025.

Figure 1. Site Location

2 Methodology

2.1 Personnel

2.1.1.1 The Dusk Emergence Bat Survey was undertaken by Toby Fisher CEnv MCIEEM[1] and Graeme Cowling.

2.2 Dusk Emergence Bat Survey

2.2.1.1 Dusk Emergence Bat Survey was undertaken on 8th June 2025 in accordance with current Good Practice Guidelines[2]. In order to provide adequate coverage of all potential bat roost feature emergence points, two surveyors were present; one positioned to the south-east of the house and garage and one positioned to the north-west of the house and garage. Both surveyors used EchoMeter Touch 2 Pro; Pettersson D100 heterodyne bat detector; and Nightfox Whisker IR video camera.

2.2.1.2 The survey was undertaken during suitable conditions at the optimal time of year for such surveys. There were no significant limitations.

Table 1. Dusk emergence bat survey conditions

Date	8th June 2025
Sunset	21:34
Survey duration	21:05 – 23:00
Weather conditions	Dry; 12°C – 11°C, cloud cover 90% - 20%, wind Bft 1-2.
Surveyors	Toby Fisher and Graeme Cowling
Equipment	EchoMeter Touch 2 Pro; Pettersson D100; Nightfox Whisker IR video camera.

[1] Natural England Class Licence Registration No. 2015-10756-CLS-CLS - CL18 Level 2 (Bats).

[2] Collins, J. (ed.) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th edition). The Bat Conservation Trust, London. ISBN-978-1-7395126-0-6.

3 Results

3.1 Bats

3.1.1.1 The survey results are presented in Tables 2 and 3 below. During the surveys, no evidence of bat roosts was identified in the surveyed house and garage.

3.1.1.2 It is concluded that bat roosts are likely absent from the site.

Table 2. Dusk emergence survey results – South and East elevations (Toby Fisher)

Time	Species and notes
21:05 – 21:35	No activity
21:38 – 21:45	1x Common Pipistrelle pass high from south, then foraging around trees to west
21:52 – 21:54	1x Common Pipistrelle foraging over garden
22:00 – 22:05	1x Common Pipistrelle foraging over garden
22:17 – 22:22	1x Common Pipistrelle foraging over garden
22:26 – 22:30	1x Common Pipistrelle occasional foraging over garden
22:38	1x Common Pipistrelle pass unseen

Table 3. Dusk emergence survey results – North and West elevations 2 (Graeme Cowling)

Time	Species and notes
21:05 – 21:35	No activity
21:39 – 21:50	1x Common Pipistrelle almost constant foraging around trees to west
21:55 – 22:00	1x Common Pipistrelle foraging at trees to west
22:03 – 22:10	1x Common Pipistrelle occasional foraging over garden
22:22 – 22:27	1x Common Pipistrelle occasional foraging over garden
22:30	1x Common Pipistrelle pass unseen
22:44	1x Common Pipistrelle pass unseen

4 Conclusions and Recommendations

4.1 Conclusions

4.1.1.1 It is concluded that bat roosts are likely absent from the site. No further bat surveys or mitigation measures are considered necessary.

4.2 Recommendations

4.2.1.1 The site could potentially be enhanced for bats by provision of permanent roosting opportunities, e.g. bat boxes attached to new buildings / retained trees at the site.

Appendix 1. Infra-Red Video Camera Images

Figure A1a. South and East Elevations

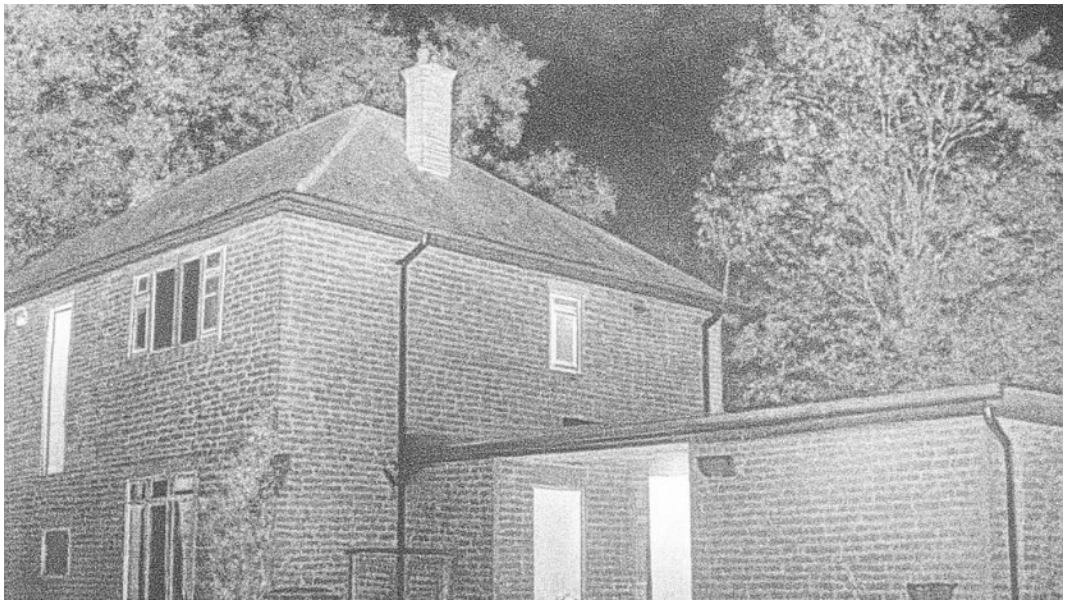

Figure A1b. North and West Elevations