

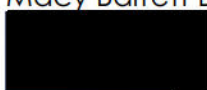
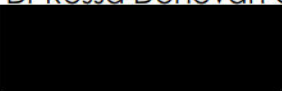
109 Western Avenue, Woodley

Bat Emergence Survey Report



2nd September 2026

Document control

Project title	109 Western Avenue – Bat Emergence Survey Report	
Client	Peter Malone	
Planning reference number	261840	
Project number	6370	
Version number	6370.1	
Date of issue	2 nd September 2026	
Field personnel	Macy Barrett & Maddie Jenkinson	
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Declaration	I confirm that the information provided in this document is truthful and accurate at the time of completion.	
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Executive summary				
Purpose of report	- To confirm the presence or likely absence of bats on Site - To confirm which species of bat and in what number are present - Confirm how bats are using the Site			
Context of report	The Site is comprised of a two-storey residential dwelling, garage, garden shed, and garden. The proposed development and alterations to the site are as follows: - Demolition of the garage - Single storey extension on the northwest elevation - Two-storey extension on the southwest elevation			
Methodology	- The Site was assessed in line with the Bat Conservation Trust's Bat Surveys: Good Practice Guidelines (fourth edition) (Collins; 2023). - A desk study was carried out, identifying bat EPSLs within 2km of the Site and Statutory Nature Conservation designations within 7.5km of the Site. - Recommendations for general mitigation, enhancement and further surveys were made.			
Ecological constraints	Building	Date	Bats species recorded	Number recorded
	1	19/8/26	None	n/a
	2	19/8/26	None	n/a
Mitigation	No bats were recorded emerging from Buildings 1 or 2 at 109 Western Avenue during the emergence surveys. Bats do not constitute an ecological constraint to the proposed works to Buildings 1 or 2.			

1. Introduction

1.1. Background

- 1.1.1. In August 2026, Wessex Ecology Ltd was commissioned by Peter Malone to undertake a Preliminary Roost Assessment of 109 Western Avenue, located to the north of Woodley in Berkshire.
- 1.1.2. The PRA assessed Building 1 and Building 2 to have a LOW bat roost potential based on a low number of potential roost features (PRFs) in the roofs.
- 1.1.3. Based on the findings of the PRA, one bat emergence survey of Buildings 1 and 2 was required to confirm the presence or likely absence of bats using the structure to roost. This survey took place in August 2026.
- 1.1.4. The purpose of this report was to:
 - Confirm the presence or likely absence of bats on Site
 - Confirm which species of bat and in what number are present
 - Confirm how bats are using the Site

1.2. Site Description

- 1.2.1. 109 Western Avenue and its grounds, hereafter referred to as 'the Site', measured approximately 0.08ha and was situated in Woodley on Western Avenue, which ran to the south of the Site (approximate OS grid reference: SU 76129 74260), see Figures 1 & 2 below.
- 1.2.2. The planning reference for this project is 261840.
- 1.2.3. The Site was comprised of a two-storey residential dwelling, garage, garden shed, and garden.
- 1.2.4. The buildings on the Site were a two-storey residential dwelling clad in painted pebbledash with areas of timber weatherboarding and finished with concrete roof tiles. An attached garage was constructed in brick with areas of timber weatherboarding and a bitumen felt roof. A timber garden shed was also present on the Site.
- 1.2.5. At the time of writing, the proposed developments and alterations to the Site were as follows:
 - Demolition of garage
 - Single storey extension on the northwest elevation
 - Two-storey extension on the southwest elevation

- 1.2.6. All ecological surveys are led by Ecologists who are members of the Chartered Institute of Ecology and Environmental Management (CIEEM) at the appropriate level. By joining the CIEEM staff sign up to a professional code of conduct.

Figure 1. Site location with red line boundary



Figure 2. Landscape surrounding site of proposed development



2. Personnel

2.1. Desk study and report writing

- 2.1.1. Macy Barrett is a graduate ecologist who regularly supports bat emergence surveys and has experience in a range of ecological surveys. She is an experienced bat surveyor who works as an accredited agent under the Natural England Class 2 Licence 2025-86241-CL18-BAT.

2.2. Preliminary roost assessment

- 2.2.1. Maddie Jenkinson is a graduate ecologist who has experience in a wide range of ecological surveys. She leads on preliminary roost assessments, supports bat emergence surveys and is an experienced bat surveyor who works as an accredited agent under the Natural England Class 2 Licence 2025-86241-CL18-BAT.

2.3. Bat emergence surveys

- 2.3.1. The bat emergence surveys were conducted by experienced bat surveyors Macy Barrett and Maddie Jenkinson.

3. Planning and Legislation

3.1. Planning policies

- 3.1.1. This report is prepared with reference to the National Planning Policy Framework 2024.

3.2. Legislation

- 3.2.1. The following legislation informed the survey approach and considerations. Further details regarding specific legislation relevant to this project can be found in Appendix 3.

- Natural Environment and Rural Communities Act 2006
- The Conservation of Habitat and Species Regulations 2017 (as amended)
- The Wildlife and Countryside Act 1981 (as amended)

3. Methodology

4.1. Desk study

4.1.1. The following publicly accessible websites were searched for relevant ecological information:

- www.gridreferencefinder.com and www.google.com for aerial photography
- The Multi Agency Geographic Information for the Countryside-
<https://magic.defra.gov.uk/magicmap.aspx>

4.1.2. The following data was collected from the MAGIC website:

- Records of bat European Protected Species Licences (EPSLs) within 2km of the Site boundary
- Special Areas of Conservation (SACs) within 7.5km of the Site boundary

4.2. Preliminary Roost Assessment survey

4.2.1. An internal and external bat inspection was undertaken on the 11th August 2026 by Maddie Jenkinson (Accredited Agent under Natural England licence: 2025-86241-CL18-BAT). The inspection followed methods described in the Bat Conservation Trust's Bat Surveys: Good Practice Guidelines (fourth edition) (Collins; 2023).

4.3. Bat emergence surveys

4.3.1. One bat emergence survey was undertaken in August 2026. See Table 1 below for details of the surveys.

Table 1. Dusk emergence survey details

Survey date	Building surveyed	Number of surveyors	Sunset time	Start time	Finish time
19/8/26	Buildings 1 & 2 – 109 Western Avenue	2	20:21	19:51	21:51

4.3.2. The dusk emergence survey commenced approximately 30 minutes before sunset and continued for at least 90 minutes after sunset.

4.3.3. Two surveyors with bat recording equipment and infra-red video cameras were present in order to survey the required angles of the building. The time, location, number and species were recorded for each bat leaving or returning to a roost. Bat passes by foraging or commuting bats encountered during the survey were also recorded using standardised forms.

4.4. Bat Activity Survey Equipment

4.4.1. The following equipment was available to use during the survey:

- Echo Meter Touch 2 ultra-sonic modules connected to a tablet/ipad
- Anabat Scout – Full-spectrum Bat recorder
- Nightfox Nova infrared cameras

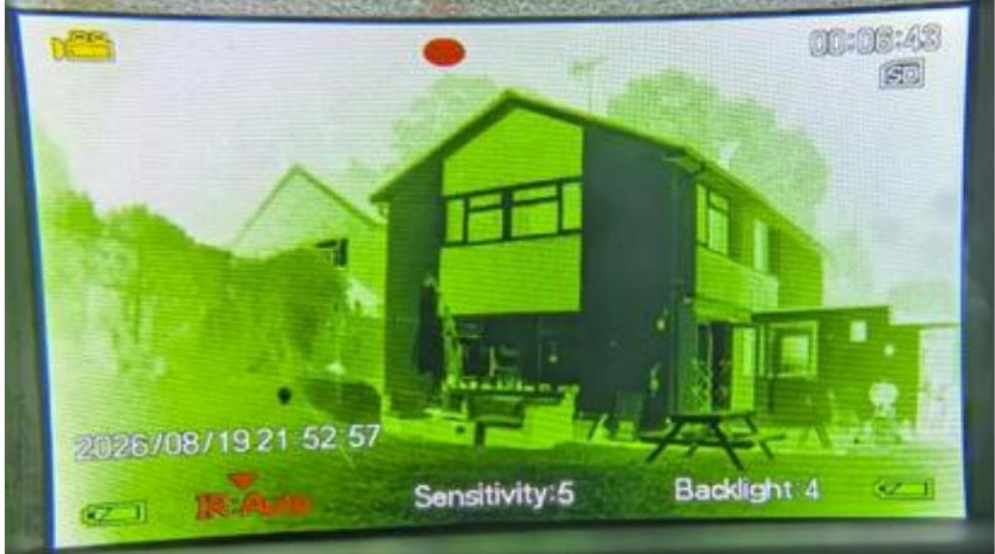
4.5. Location of surveyors

4.5.1. The surveyors were located in such a way as to achieve coverage of the required areas of the buildings during the survey. See Figure 3, below, for the location and the field of views of the infrared cameras are shown in Table 2.

Figure 3. The location and viewing angles of the surveyors



Table 2. Field of view of night vision aid (NVA) corresponding to Figure 3

Location	Field of View photo at night
Surveyor 1	
Surveyor 2	

4.6. Limitations

- 4.6.1. The data provided by the online resources were not exhaustive. It is possible that bat species not included in the data search occur within the vicinity of the proposed development site.
- 4.6.2. The Preliminary Roost Assessment provides a snapshot of conditions at the time of survey. Bats are mobile creatures that will move into and out of areas.
- 4.6.3. The details within this report will remain valid for a period of 12 months from the date of issue.

4. Results

5.1. Desk study

5.1.1. The MAGIC data search confirmed that there were no Statutory Nature Conservation designations recorded within 7.5km of the Site boundary.

5.1.2. The MAGIC data search confirmed that there were twelve bat European Protected Species Licences (EPSLs) within 2km of the Site boundary. The details of which are in Table 3 below.

Table 3. Bat EPSL records within 2km of the Site boundary

EPSL Reference	Species named	Distance & direction from the Site
EPSM2012-4144	brown long-eared, common pipistrelle, soprano pipistrelle	400m southwest
2019-44293-EPS-MIT	brown long-eared, common pipistrelle, soprano pipistrelle	400m southwest
2020-48093-EPS-MIT	brown long-eared, common pipistrelle, soprano pipistrelle	400m southwest
2018-38132-EPS-MIT	brown long-eared, soprano pipistrelle	400m northwest
2020-48353-EPS-MIT	soprano pipistrelle	700m west
2018-36568-EPS-MIT	brown long-eared, common pipistrelle	700m east
2018-37707-EPS-MIT	soprano pipistrelle	700m north
2015-17476-EPS-MIT	brown long-eared, soprano pipistrelle	800m southwest
2020-48694-EPS-MIT	common pipistrelle, soprano pipistrelle	800m southwest
2018-34839-EPS-MIT	soprano pipistrelle	800m southwest
2014-441-EPS-MIT	common pipistrelle, soprano pipistrelle	900m southwest
2016-27109-EPS-MIT	brown long-eared, common pipistrelle, soprano pipistrelle	1000m east

5.2. Preliminary roost assessment

5.2.1. The bat results of the bat roost assessment with potential, reasons and requirements for each building are set out in Table 4 below.

Table 4. Bat roost assessment

Building	Bat Roost Potential	Reason	Requirements
Building 1 – residential dwelling	LOW	Low number of PRF recorded in the roof structure	A single emergence survey should take place between 1 st May and 31 st August to confirm the presence or absence of bats.

		No evidence of bats recorded externally or internally	
Building 2 – garage	LOW	- Low number of PRF recorded internally where the roof joins the wall. - No evidence of bats recorded externally or internally	A single emergence survey should take place between 1 st May and 31 st August to confirm the presence or absence of bats.
Building 3 – garden shed	NEGLIGIBLE	- No PRFs identified. - No evidence of bats recorded externally or internally	No further surveys required.

5.3. Emergence survey results

5.3.1. The conditions for the surveys are detailed below in Table 5.

Table 5. Weather conditions for the emergence surveys

Survey date	Sunset time	Weather conditions	Temperature (°C)	Cloud cover (0-8)	Wind speed (0-8)	Humidity (%)
19/8/26	20:21	Dry Clear Bright	20	0	6	52

5.3.2. The results of the bat emergence surveys are set out in Table 6 below.

Table 6. Bat activity survey results – bat emergence

Survey date	Site	Survey type	Bat species recorded emerging	Number recorded
19/8/26	Buildings 1 & 2 – 109 Western Avenue	Dusk emergence	None	n/a

5.3.3. Details of ambient bat activity recorded across the site are set out in Table 7 below.

Table 7. Bat activity survey results – ambient bat activity

Survey date	Site	Survey type	Bat species recorded	Number recorded
19/8/26	Buildings 1 & 2 – 109 Western Avenue	Dusk emergence	common pipistrelle soprano pipistrelle	24 6

5. Discussion and Requirements

6.1. Discussion

- 6.1.1. No bats were recorded emerging from Buildings 1 or 2 at 109 Western Avenue during the emergence surveys.
- 6.1.2. Bats do not constitute an ecological constraint to the proposed works to Buildings 1 or 2.

6.2. Habitat enhancement measures

- 6.2.1. One [lbstock bat brick](#) (or similar) - Installed at a height of at least 3m in the extension, under the eaves and in direct sunlight.
- 6.2.2. One [hedgehog house](#) will be installed in the garden of the property EITHER under a hedge to the rear of the property OR under a brash pile to the rear of the house.
- 6.2.3. One [insect block](#) - Installed at a height of 1.5m above the ground on a south facing tree or building elevation.
- 6.2.4. See Appendix 3 for details on mitigation placement and requirements.

6. References

Collins, J. (ed.) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th edn.) The Bat Conservation Trust, London.

Gunnell, K., et al (2010) Designing for Biodiversity: A technical guide for new and existing buildings. (2nd edn). RIBA.

Mitchell-Jones, A. J. (ed.) (2004) Bat Workers' Manual (3rd edn). JNCC.

7. Appendices

Appendix 1 – Site photographs

Photo 1 – View of Buildings 1 and 2 from the position of surveyor 1.



Photo 2 – View of Buildings 1 and 2 from the position of surveyor 2.



Appendix 2 – Relevant legislation

Bats

All bats in the UK are protected by law. They are protected under the Wildlife & Countryside Act 1981 (as amended) and European law under The Conservation of Habitats and Species Regulations 2017 (as amended).

This means it is an offence to:

- Deliberately capture, injure or kill a bat
- Deliberately disturb a bat
- Damage or destroy a breeding site or resting place of a bat
- Possess or control a bat
- Transport a bat
- Sell or exchange a bat
- Offer for sale or exchange any bat, alive or dead, or any part of a bat.
- Intentionally or recklessly disturb a bat occupying a structure or place used for shelter or protection,
- Intentionally or recklessly obstruct access to any structure or place used for shelter or protection by bats.

Disturbance of animals includes disturbance which is likely to impair their ability to survive, breed or reproduce, rear or nurture their young, migrate or hibernate. It also includes any disturbance likely to affect significantly the local distribution or abundance of the species. Consequently, attention should be given to dealing with the modification or development of an area if aspects of it are deemed important to bats, such as flight corridors and foraging areas.

Subject to receiving planning approval, it may be necessary to apply for and obtain a European Protected Species Licence (EPSL) from Natural England under the conservation (Natural Habitats, &c) (Amendments) 2017 Regulations, to legally allow the proposed works to take place.

If a licence is required, no building works on the building must take place until an EPSL has been issued.

Relevant link:

[Bats and the law - Advice - Bat Conservation Trust](#)

Birds

All wild birds, their nests and eggs are protected by law under the Wildlife and Countryside Act 1981 (as amended).

This means it is an offence to:

- Intentionally kill, injure or take wild birds
- Intentionally take, damage or destroy a wild bird's nest while it is being used or built
- Intentionally take or destroy a wild bird's egg
- Possess, control or transport live or dead wild birds, or parts of them, or their eggs
- Sell wild birds or put them on display for sale
- Use prohibited methods to kill or take wild birds

Birds under Schedule 1 of the Wildlife & Countryside Act 1981 (as amended) have extra legal protection and it is an offence to:

- Disturb them while they are nesting, building a nest, in or near a nest that contains their young
- Disturb their dependent young

Relevant link:

[Wild birds: protection and licences - GOV.UK](#)

Appendix 3 – Locations of habitat enhancement measures

Figure 4. Locations of habitat enhancement measures. Ibstock bat brick  hedgehog house  insect block 

