

## Emergence Survey Report – Bats

|                           |                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Site Location</b>      | 3 Foxcote, Finchampstead, WOKINGHAM, RG40 3PG                                                                                                                                                                                                                                                                           |
| <b>Document reference</b> | CE4579-01<br><br><i>This document should be read in conjunction with the Preliminary Roost Assessment for bats completed on the 2<sup>nd</sup> July 2025, document reference: CE4579</i>                                                                                                                                |
| <b>Date of survey</b>     | Date/Time: 8th May 2025<br>Date/Time: 29th May 2025                                                                                                                                                                                                                                                                     |
| <b>Report by</b>          | Garry Smith – Senior Ecologist<br><br>Signature: <br><br>Tel: <br><br>Email: <a href="mailto:info@chaseecology.co.uk">info@chaseecology.co.uk</a> |

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## 1.0 Introduction

### Brief

This report will present the findings of an emergence survey of the named site on the below dates;

Date/Time: 8th May 2025

Date/Time: 29th May 2025

## 2.0 Executive Summary

Chase Ecology undertook an emergence survey at the named site to assess the building for bats following a preliminary roost assessment which deemed the structure to offer value for roosting.

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey Methodology                              | <p>All emergence surveys were conducted during the optimal recommended survey times following best practice guidelines.</p> <p>All surveys were carried out during optimal weather conditions.</p> <p>Each elevation of the structure which offers value to bats was viewed during the survey visit with no limitations.</p>                                                                      |
| Results of emergence surveys                    | <p>Following the emergence survey of the structure, no bats were observed to have used features throughout for roosting or feeding and no further surveys or mitigation would be required.</p> <p>See Section 5: Results of Phase 2 Activity Surveys</p>                                                                                                                                          |
| Requirements for Additional Survey              | <p>No further survey requirements have been identified during the emergence surveys conducted to date.</p> <p>However, populations of bats were observed to be using both the site and surrounding habitats for commuting or feeding so a level of protection must be implemented during development to prevent disturbance.</p> <p>See Appendix 1: Mitigation, Protection &amp; Enhancement.</p> |
| Predicted Impacts of Development on Bats        | <p>No impacts will be offered to bats if all guidance &amp; recommendations within appendix one are implemented during all stages of development.</p> <p>See Appendix 1: Mitigation, Protection &amp; Enhancement.</p>                                                                                                                                                                            |
| Mitigation and Compensation of Proposed Impacts | <p>None Required.</p>                                                                                                                                                                                                                                                                                                                                                                             |
| Licensing Requirements for Bats                 | <p>None Required.</p>                                                                                                                                                                                                                                                                                                                                                                             |
| Required Actions                                | <p>See Appendix 1: Mitigation, Protection &amp; Enhancement.</p>                                                                                                                                                                                                                                                                                                                                  |

### 3.0 Legislation

- 1.1.1** All British bats are classed as European Protected Species and therefore receive protection under the Conservation of Habitats and Species Regulations 2017, making it an offence to:
- Deliberately kill, injure or capture a bat;
  - Deliberately disturb bats;
  - Damage or destroy a breeding site or resting place
- 1.1.2** In addition, all British bats are also listed under Schedule 5 of the Wildlife and Countryside Act 1981 (as amended) which contains further provisions making it an offence to intentionally or recklessly Obstruct access to any structure or place which any bat uses for shelter or protection; or Disturb any bat while occupying a structure or place which it uses
- 1.1.3** If proposed development work is likely to destroy or disturb bats or their roosts, then a licence will need to be obtained from Natural England, which would be subject to appropriate measures to safeguard bats.
- 1.1.4** In the UK, the provisions of the Birds Directive are implemented through the Wildlife & Countryside Act 1981 (as amended), the Conservation of Habitats and Species Regulations 2010 (as amended). All wild birds, their nests and eggs are protected it an offence to: • kill, injure, or take any wild bird; • take, damage or destroy the nest of any such bird whilst it is in use or being built; or • take or destroying an egg of any such wild bird.
- 1.1.5** Special protection against disturbance during the breeding season is also afforded to those species listed on Schedule 1 of the Act.

## 4.0 METHODOLOGY

- 4.1 All reporting undertaken by Mr Garry Smith who is an experienced licensed bat ecologist in England [Class 2 registration 2017-28032-CLS-CLS] with over 9 years' experience practical of professional ecological surveys.
- 4.2 It is recommended that emergence surveys should be carried out within the optimal survey season from May to August, September are also useful times if weather conditions remain optimal.
- 4.3 Surveys were conducted following all best practice survey guidelines. See section seven.
- 4.4 All elevations of the structure were visible throughout the survey to capture any bats emerging from within or into the structure throughout the duration of the survey.

## 5.0 Results of Phase 2 Activity Surveys

|                    |                          |             |                       |           |                           |                |
|--------------------|--------------------------|-------------|-----------------------|-----------|---------------------------|----------------|
| Date               | 8 <sup>th</sup> May 2025 |             |                       |           |                           |                |
| Sunset/<br>Sunrise | Start Time               | Finish Time | Temperature           |           | Wind<br>Beaufort<br>Scale | Cloud<br>Cover |
| 20:37              | 20:20                    | 10:37pm     | Start<br>14           | End<br>10 | 2                         | 0%             |
|                    | Name                     | Position    | Detector              |           |                           |                |
| Lead Surveyor      | Elena Vasileva           | Front       | EMT 2 Pro/Nightfox IR |           |                           |                |
| Assistant Surveyor | Charlie Gavin            | Rear        | EMT 2 Pro/Nightfox IR |           |                           |                |

Google Map View to show locations of surveyors.



### Emergence/Re-Entry Data

No roosting activity recorded during survey times notes.

### Activity from Bats during survey

| Species               | Activity |                                                                                                                                        |
|-----------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------|
| Common<br>pipistrelle | Early    | 2 x commuting passes from east and north to the west and south.                                                                        |
|                       | Mid      | 4 x coming from the east to the north foraging above the tree crowns for a while and then heading to the north-west across the street. |

|          |       |                                                                                              |
|----------|-------|----------------------------------------------------------------------------------------------|
|          | Late  | 1x brief foraging at the rear side of the garden around the tree crowns.                     |
| Noctule  | Early | -                                                                                            |
|          | Mid   | 2 x Noctules coming one from east and one from the south heading to the west and north-west. |
|          | Late  | -                                                                                            |
| Serotine | Early | -                                                                                            |
|          | Mid   | -                                                                                            |
|          | Late  | 1 x foraging back and forth above the house from south to the north.                         |

IR Images taken from each surveyor point during the survey

Front elevation view



Rear elevation View



|                    |                           |             |                       |     |                           |                |
|--------------------|---------------------------|-------------|-----------------------|-----|---------------------------|----------------|
| Date               | 29 <sup>th</sup> May 2025 |             |                       |     |                           |                |
| Sunset/<br>Sunrise | Start Time                | Finish Time | Temperature           |     | Wind<br>Beaufort<br>Scale | Cloud<br>Cover |
|                    |                           |             | Start                 | End |                           |                |
| 21:07              | 20:50                     | 23:10       | 17                    | 15  | 3                         | 0%             |
|                    | Name                      | Position    | Detector              |     |                           |                |
| Lead Surveyor      | Elena Vasileva            | Front       | EMT 2 Pro/Nightfox IR |     |                           |                |
| Assistant Surveyor | Charlie Gavin             | Rear        | EMT 2 Pro/Nightfox IR |     |                           |                |

Google Map View to show locations of surveyors.



#### Emergence/Re-Entry Data

No roosting activity recorded during survey times notes.

#### Activity from Bats during survey

| Species            | Activity |                                                                                                             |
|--------------------|----------|-------------------------------------------------------------------------------------------------------------|
| Common pipistrelle | Early    | 1 x commuting from North to the rear garden foraging for a short time above the tree crowns and going West. |
|                    | Mid      | 1 x commuting pass from North to South.                                                                     |
|                    | Late     | -                                                                                                           |
| Serotine           | Early    | -                                                                                                           |

|  |      |                                |
|--|------|--------------------------------|
|  | Mid  | -                              |
|  | Late | 1 x commuting pass, no visual. |

IR Images  
taken from  
each surveyor  
point during  
the survey

Front elevation view



Rear elevation view



## 6.0 Surveyor Experience

**Elena Vasileva** - Elena has supported Chase Ecology since 2022 as a component survey team leader and competently delivers supervision to survey assistance at all levels on site.

Elena holds a Class 2 survey licence 2024-12141-CL18-BAT.

She has demonstrated a clear understanding of survey methodology and offers a good knowledge of best practice survey guidelines.

She has been supporting on both residential and commercial sites including emergence surveys for bats.

Previously she has supported other ecology organisations with protected species surveys from 2017.

### Qualifications

2008 - Environmental protection and sea preservation technologies, Master-engineer - Technical University-Varna, Varna

2013 - Environmental protection and sea preservation technologies, Bachelor-engineer - Technical university-Varna, Varna

### Volunteer

2012 - Mapping and identification of conservation status of natural habitats and species” Lot Bats (DIR- 59318-1-2) Mapping habitats on the territory of Bulgaria, handling and counting bats to determine the species, using mist nets to catch bats, using bat detectors and recording devices to gather data.

2017 - Waterway surveys for BCT UK and London Bat Group - Performing annual waterway survey for Daubenton’s bat on a transects given from Bat Conservation Trust. Participating in hibernation surveys and other group activities and workshops with London bat group.

**Charley Gavin** - Charley has worked within the ecology sector since 2023 as a seasonal survey assistant.

He has worked on both private and commercial developments and holds a clear understanding of bat survey best practice guidelines and correct use of technologies whilst conducting emergence surveys.

## 7.0 References

Bat Surveys for Professional Ecologists: Good Practice Guidelines 4th Edition 2024

UK Bat Mitigation Guideline or ILP/BCT 'Bats and Artificial Lighting in the UK' GN 08 / 23

CIEEM 2023

Bat Conservation Trust.

<https://magic.defra.gov.uk/MagicMap.aspx>

Google Maps

## **Appendix 1: Mitigation, Enhancement & Protection**

This document must be available to all involved in the planned development. All contractors must aware of the potential of protected & priority species being found on site and care should be taken during works to avoid harm (including during any tree works), if protected species are found then all work should cease and an ecologist should be consulted immediately.

### **Mitigation**

None-identified during the additional emergence survey.

### **Protection measures to be implemented during development**

#### **Lighting**

It is recommended that during the development process the levels of lighting such as security floodlighting and lighting around working platforms if any should be limited to reduce the level of disturbance caused to bats which have been recorded locally.

Disturbance caused by high power lighting can cause disturbance to common commuting and foraging areas currently used by bats.

It is advised that all works should be carried out during the hours of daylight to further reduce the levels of disturbance caused to bats and other nocturnal wildlife in the surrounding environment.

#### **Protection of Wildlife During the development**

All excavations if any should be closed where possible during the hours of darkness to prevent entrapment of wildlife such as mammals which may use the site during the hours of darkness for commuting & foraging.

For excavations which require to be left open a shallow slope should be in place to aid escape.

All external pipe's & services must be capped during development/overnight to prevent animals entering/entrapment.

The site should remain in a tidy fashion with waste materials removed daily to prevent any use from wildlife as an artificial refugia.