

Preliminary Bat Roost Assessment Report

**Shepherd Hey Barn,
Ashworth Road,
Heywood,
OL11 5UN**

13.02.2023



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Summary

In January 2023 Batworker consultancy was commissioned to undertake a survey of Shepherd Hey Barn, Ashworth Road, Heywood, OL11 5UN to assess the potential for use by bats and breeding birds.

A daytime survey was carried out on 1st February 2023 to support development plans.

A separate barn owl method statement accompanies this report.

No evidence was recorded to suggest bats were roosting within the building.

No bats were observed or recorded using the building for roosting.

The property is considered to be of negligible potential for roosting bats.

The surveyor considers survey effort to be reasonable to assess the roost potential of the building and no further survey work is deemed appropriate.

The surveyor does not consider the proposed development and change of use is likely to result in a breach of the Conservation (Natural Habitats &c.) Regulations 1994 (as amended) therefore the proposed development does not require an EPS Licence (EPSL) to proceed lawfully.

Introduction

In January 2023 Batworker consultancy was commissioned to undertake a survey of Shepherd Hey Barn, Ashworth Road, Heywood, OL11 5UN to assess the potential for use by bats and breeding birds.

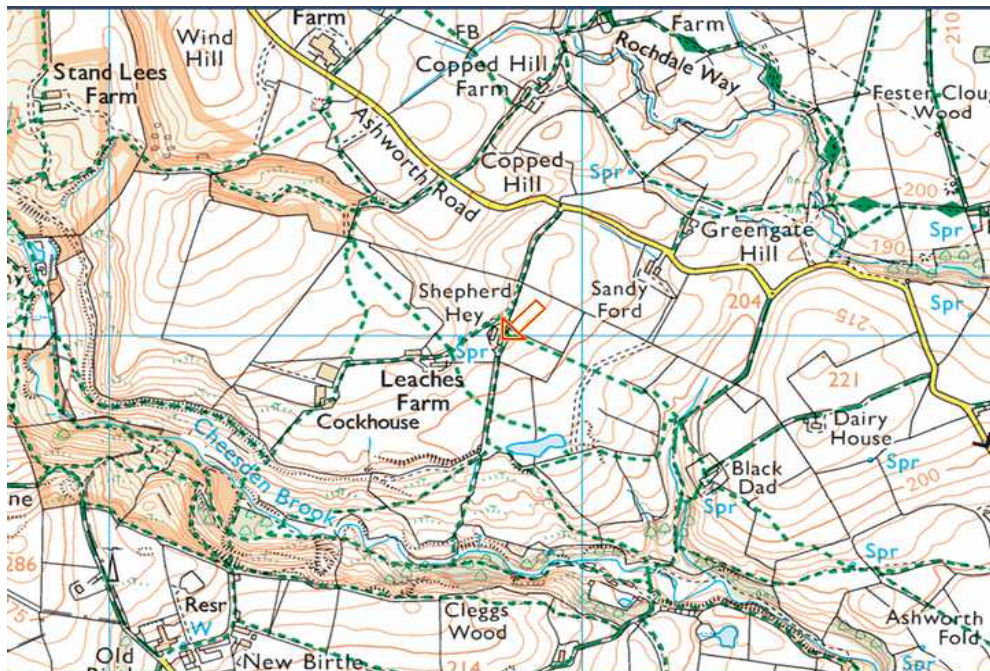
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Survey and Site Assessment

Objectives of the survey

The survey was carried out to determine roost potential of the building, current usage by bats, and other protected species, of the site and to establish status of the bat species using the site prior to development work being carried out.

Survey site location



A central grid reference for the site is SD8384014011

Site Description

The property consists of a two storey stone built barn with a double pitched slate roof adjoining Shepherd Hey Farm. The building has a single storey entrance extension to the frontage with a collapsed roof allowing considerable light and weather penetration to the interior. Single storey extensions are present on the southern gable and a separate concrete block outbuilding is present to the west of the building.

External walls are generally well pointed with no obvious cracks, gaps or crevices present. The roofs are in poor condition with c lifted, slipped and missing slates present. The roof has separated from the adjoining farmhouse on the northern section allowing weather and light penetration.

The property can be considered to offer negligible bat roost potential.



Pre Existing data on local bat species

A search of the MAGIC (www.magic.gov.uk) website revealed no bat EPS licence applications within a 1km radius.

From personal experience of surveying for and researching bats in Lancashire, Yorkshire and Cumbria, the following species were considered.

Common Pipistrelle – known to roost on sites where suitable foraging habitat is available.

Soprano Pipistrelle – known to roost on sites where suitable foraging habitat is available.

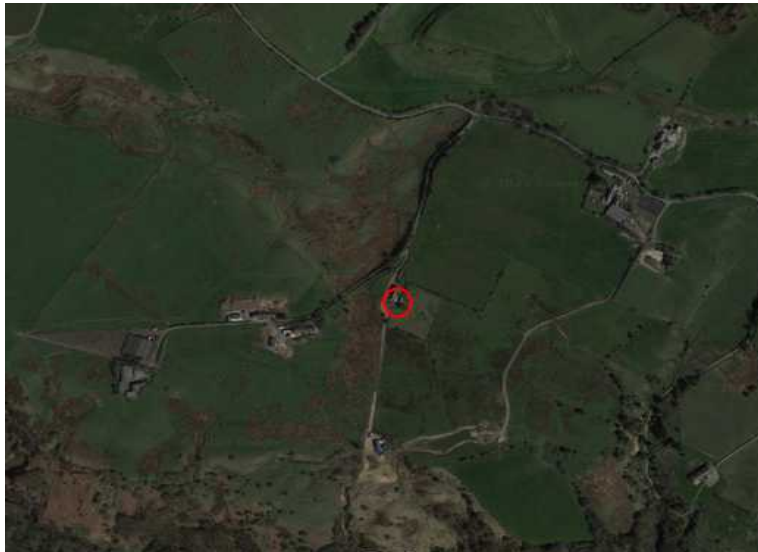
Whiskered/Brandt's – species often found roosting in buildings close to woodland.

Natterer's – a typical upland bat, often associated with lowland woodland, but with foraging bats being recorded high on heather moorland. Often roosting in barns.

Daubenton's – a species commonly associated with aquatic habitats.

Long Eared bat – a typically woodland species which has been recorded foraging over in bye meadows and rough grassland sites. Often roosting in barns.

Habitat



The property is located in a rural and exposed position on Ashworth Moor. The surrounding habitat is dominated by semi improved and improved grassland and connectivity to the wider environment is low.

Overall foraging potential for bats can be considered low.

Field Survey Methodology

Visual inspection

An inspection was carried out to search for and identify potential feeding perches, roosting opportunities and signs of bat use both internally and externally. The visual inspection focussed on searching for feeding remains and bat droppings both within the building and on external walls. Crevices and other potential roost sites were investigated for smear/grease marks, lack of cobwebs, urine staining.

Equipment used included:

- ! Exposure Diablo 1300 lumen LED torch
- ! SeeSnake CA 300 video endoscope
- ! Opticron close focusing binoculars

Personnel

All surveys were conducted by Dave Anderson MSc, Natural England Science, Education and Conservation bat licence holder (2015-15784-CLS-CLS) a bat surveyor and ecologist with over 20 years experience.

Survey Summary

Survey	Date	Timings
Visual	01.02.2023	1 Hour
Visual	21.12.2020	1 Hour
Static detector	09.05 – 18.05.17	Dusk to dawn
Visual	09.05.2017	1 Hour

Survey constraints

Access to all areas of the exterior of the building was possible and good visual inspection at ground level and aerial inspection was possible. Evidence of bat activity such as bat droppings or staining on external walls and surfaces is frequently removed by the action of wind and rain; apparent absence of evidence is therefore evaluated with caution.

In many situations it is not possible to inspect every locations where bats are present therefore it should be assumed that an absence of bat evidence does not necessarily equate to evidence that bats are absent.

Some species such as pipistrelle sp bats are opportunistic and it is possible for individuals to be found during works, even where surveys have had negative results during preliminary and activity surveys.

Survey Results

Visual Inspection - Bats

The building is in poor condition, with roof collapses recoded since previous surveys allowing considerable light and weather penetration to interior spaces.

No evidence (in the form of scattered droppings, urine splashing, feeding remains or grease marking) to suggest use by bats was recorded.

Visual Inspection – Nesting birds

Evidence to suggest use of the building by barn owls was recorded. A separate barn owl method statement accompanies this report.

Evaluation of the results

No evidence of use by bats was recorded during the survey and the property was assessed as offering negligible roosting potential due to the poor and deteriorating condition of the building.

Given the lack of suitable roosting potential it is considered that the development proposals do not risk negative impacts on roosting bats.

Conclusion

No evidence was recorded to suggest bats were roosting within the building.

No bats were observed or recorded using the building for roosting.

The property is considered to be of negligible potential for roosting bats.

The surveyor considers survey effort to be reasonable to assess the roost potential of the building and no further survey work is deemed appropriate.

The surveyor does not consider the proposed development and change of use is likely to result in a breach of the Conservation (Natural Habitats &c.) Regulations 1994 (as amended) therefore the proposed development does not require an EPS Licence (EPSL) to proceed lawfully.

Proposed Biodiversity Net Gain

The installation of a Greenwoods Ecohabitats Two Chamber Bat Box or Kent Bat Box within the site would provide roosting potential for the local bat population.

Accidental exposure of bats - EMERGENCY ADVICE

In the unlikely event of bats or their roosts being exposed or vulnerable to harm, suspend further work in that area. Cover the exposed bats to reduce any further risk of harm and seek advice immediately.

Call Dave Anderson (Batworker) on 07894 338290 (mobile); a site visit will be arranged to assess the situation, contact Natural England where necessary, and recover any bats / safely remove them from site.

E Bibliography

Barn Owls and Rural Planning Applications Barn Owl Trust 2009

Barn Owl Survey Methodology and Techniques for use in Ecological Assessments
Shawyer, C. August 2011

Bat Mitigation Guidelines Natural England 2006

Bat Survey Guidelines 3rd Edition Bat Conservation Trust 2016

Bat Workers Manual 3rd Edition JNCC 2004

Bats and the Law

Wildlife and Countryside Act 1981, principally those relating to powers and penalties, have been amended by the Countryside and Rights of Way Act 2000 (CRoW Act). The CRoW Act only applies to England and Wales.

Section 9(1)

It is an offence for any person to intentionally kill, injure or take any wild bat.

Section 9(4)(a)

It is an offence to intentionally or recklessly* damage, destroy or obstruct access to any place that a wild bat uses for shelter or protection.

(*Added by the CRoW Act in England and Wales only)

This is taken to mean all bat roosts whether bats are present or not.

Section 9(4)(b)

It is an offence to intentionally or recklessly* disturb any wild bat while it is occupying a structure or place that it uses for shelter or protection.

(*Added by the CRoW Act in England and Wales only)

The Conservation (Natural Habitats, &c.) Regulations 1994

Section 39(1)

It is an offence

- (a) deliberately to capture or kill any bat
- (b) deliberately to disturb any bat
- (d) to damage or destroy a breeding site or resting place of any bat.

The difference between this legislation and the Wildlife and Countryside Act 1981 is the use of the word 'deliberately' rather than 'intentionally'. Also disturbance of bats can be anywhere, not just at a roost. Damage or destruction of a bat roost does not require the offence to be intentional or deliberate.

Countryside and Rights of Way (CROW) Act (2000)

Part III Nature conservation and wildlife protection

74 Conservation of biological diversity

- (1) It is the duty of (a) any Minister of the Crown (within the meaning of the Ministers of the [1975 c. 26.] Crown Act 1975), (b) any Government department, and (c) the National Assembly for Wales, in carrying out his or its functions, to have regard, so far as is consistent with the proper exercise of those functions, to the purpose of conserving biological diversity in accordance with the Convention.

SCHEDULE 12 AMENDMENTS RELATING TO PART I OF WILDLIFE AND COUNTRYSIDE ACT 1981

- 1. In section 1(5) of the 1981 Act (offence of intentional disturbance of wild birds) after "intentionally" there is inserted "or recklessly".

The Natural Environment and Rural Communities Act (2006)

PART 3, (40): Duty to conserve biodiversity

(1) Every public authority must, in exercising its functions, have regard, so far as is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity.

(3) Conserving biodiversity includes, in relation to a living organism or type of habitat, restoring or enhancing a population or habitat.