

Preliminary Bat Roost Assessment Report

**1 Masefield Close
Brockhall Village
Old Langho
BB6 8HS**

16.09.24



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Summary

In September 2024 Batworker consultancy was commissioned to undertake a survey of 1 Masefield Close, Brockhall Village. Old Langho, BB6 8HS, to assess the potential for use by bats and breeding birds.

A daytime survey was carried out on 11th September 2024 to support residential development plans to add a single-storey extension to the back and side of the property, linked to the garage, including conversion of the garage.

No evidence was observed to suggest use of the building by nesting birds.

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 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 September 2024 Batworker consultancy was commissioned to undertake a survey of 1 Masfield Close, Brockhall Village. Old Langho, BB6 8HS, to assess the potential for use by bats and breeding birds.

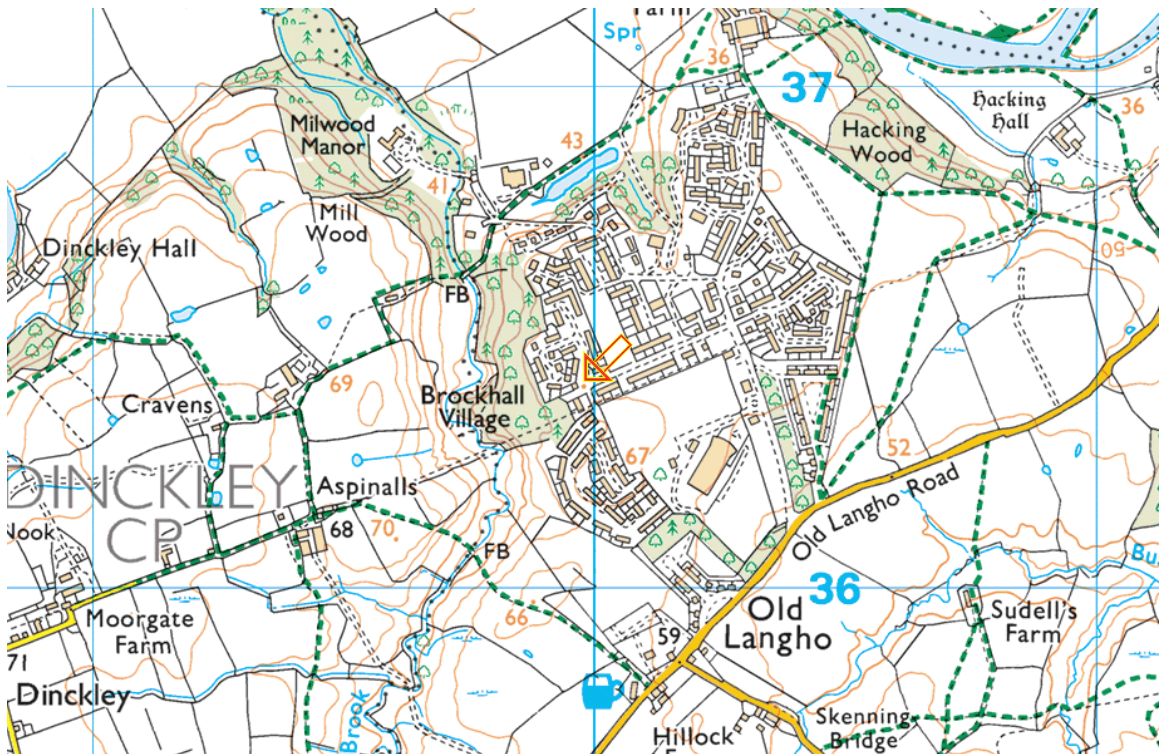
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Survey and Site Assessment

Objectives of the survey

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

Survey site location



OS Grid Reference: SD6997736411

GPS Coordinates: 53.82310, -2.45755

Site Description

The property consists of a detached, brick built, 2-storey house and garage, both with a tiled roof. Situated in a busy, street-lit estate.

The external walls of both the garage and house are well pointed with no cracks, crevices or cavities present. Eaves are well sealed, all soffits are sealed tightly to the walls with no gaps. All UPVC windows and doors are in good condition with no gaps.

The house and garage roofs are in excellent condition with close fitting tiles. There are no missing or slipped tiles and the ridges are well sealed. Moss is present between tiles. Internally, the loft space is lined with a bituminous roofing felt in good condition. All accessible loft spaces were inspected with no visual evidence of bats present.

Overall the property can be considered to offer negligible roosting 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 also 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 street-lit, residential area surrounded by small, mature, domestic gardens. There is a brightly-lit training field close-by. The property is near a surrounding habitat of dense, deciduous woodland.

Connectivity to the wider landscape is generally moderate given the close proximity to the woodland to the west. Overall foraging potential for bats can be considered moderate.

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. Particular attention was paid to the floor and flat surfaces, window and door frames and lintels. Any present crevices, and other potential roost sites were investigated for smear/grease marks, lack of cobwebs and urine staining.

Equipment used included:

- Exposure Diablo 1300 lumen LED torch
- Opticron close focusing binoculars

Personnel

Survey conducted by Sarah Dunham Bsc (Hons), overseen 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	09.09.2024	1 Hour

Survey constraints

Access to all areas of the building was possible and good visual inspection at ground level 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 location 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 was observed to generally have no obvious potential roost features present and was assessed as offering negligible bat roosting potential.

No evidence (in the form of scattered droppings, urine splashing, feeding remains or grease marking) to suggest use by bats was recorded despite suitable undisturbed horizontal surfaces being present.

Visual Inspection – Nesting birds

No evidence to suggest use by nesting birds was recorded.

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.

Given the lack of 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 (<https://www.greenwoodsecohabitats.co.uk>)

or Kent Bat box within the site would provide roosting potential for the local bat population.

Precautionary Method Statement and Reasonable Avoidance Measures

The overall purpose of the Method Statement is to ensure that bats and their roosts are fully protected to ensure the 'favourable conservation status of the species'. The Method statement is designed to minimise or remove any potential disturbance to roosting bats.

A Method Statement is normally required by the local planning authority to ensure that procedures are in place before the development works are carried out.

No work should commence without contractors receiving a toolbox talk.

All contractors will be made aware of the legal protection afforded all species of bats in the UK and procedures will be in place to mitigate for the potential impact on bats before any building work is undertaken.

Timing of works - Work will take place following an evening temperature of +5c

Work to affected roof areas will take place with the batworker 'on call'.

Removal of roof tiles will be carried out by hand and under supervision where necessary.

A compensatory bat box (Two Greenwood Eco Habitats two crevice box) will be placed on site prior to work commencing and will be used in an emergency to house any bats found during works.

Bat boxes will remain on site as part of proposed biodiversity enhancement.

A copy of the Method Statement should be available to site / project managers in advance of any works being carried out.

The existence of a Method Statement helps to establish a defence against prosecution for intentional (WCA), deliberate (Habitat Regulations.) or reckless (WCA) disturbance of bats or damage to roosts. All work should take place under the supervision of the ecologist.

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 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 4 th Edition	Bat Conservation Trust 2023
Bat Workers Manual 3 rd Edition	JNCC 2004

Bats and the Law

Wildlife and Countryside Act 1981 (as amended), 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.