Landscape Ecology Limited
☎ 01925 574451 07738 069721

2 Manchester Road, Chorlton-cum-Hardy, Manchester M21 9JG

Bat Survey Report



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☎ 01925 574451 07738 069721

Landscape Ecology Limited

Warrington Business Centre
Gilbert Wakefield House
67 Bewsey Street
Warrington WA2 7JQ

Tel: +44 (0)1925 574451

www.landscapeecology.co.uk

2 Manchester Road, Chorlton-cum-Hardy, Manchester M21 9JG

Bat Survey Report

Author Donald Kernott MCIEEM

Reviewer Andrew Saunders MCIEEM

Report No. LEL_BAT_M219JG_202

Date July 2026

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Cover Photo - view looking south-west towards the rear aspect of 2 Manchester Road, Chorlton-cum-Hardy, Manchester M21 9JG.

NOTE: this report remains the property of Landscape Ecology Limited, Warrington Business Centre, Gilbert Wakefield House, 67 Bewsey Street WARRINGTON WA2 7JQ until all fees paid in full.

1 EXECUTIVE SUMMARY

1.1 Landscape Ecology Limited was instructed by Mr and Mrs Martin and Olivia Edge to undertake dusk emergence bat surveys on two structures at 2 Manchester Road, Chorlton-cum-Hardy, Manchester M21 9JG.

1.2 A Preliminary Ecological Appraisal (PEA) undertaken in April 2025 by Landscape Ecology Limited (Report No. LEL_M219JG_PEA_2025 REV A) reported potential roosting features on the structure which had been identified during the appraisal.

1.3 The PEA recommended that two separate dusk emergence surveys be undertaken between May and September, with at least one being undertaken between May and August. However, additional survey effort may be required in order to confidently characterise any roost(s) e.g. high conservation status or not.

1.4 Dusk emergence surveys comprised of surveyors observing the structure equipped with a 3No. Wildlife Acoustics Echo Meter Touch 2 Pro (EMT2 Pro), 2No. NVA Pulsar Axion XG35 Compact thermal cameras (XG35) and on occasion a Sony HD AVCHD Handycam camera supported by infrared illuminator S1120B lighting units. Cameras, lighting units and detectors were all mounted on tripods. An Anabat Express static bat detector was used to support the infrared camera.

1.5 Survey observations and analysis of the recordings concluded that there was overall a low level of activity during emergence surveys. The species recorded and/or observed during the surveys were common pipistrelle *Pipistrellus pipistrellus* only. No emergence was observed or recorded from the structure during the surveys undertaken.

1.6 It is considered unlikely that significant or low conservation value roosts are present within the building, however given the structure offers moderate potential for roosting bat and the opportunistic nature of common pipistrelle, it is recommended that proposed works are carried out under the supervision of a licenced bat consultant with reference to a Method Statement.

1.7 The Method Statement will include the following;

- Pre-demolition toolbox talk to be delivered by licenced bat consultant to demolition contractors.
- Pre-demolition surveys to ensure no bats are roosting including the use of endoscopes to check any gaps or cracks identified.
- Demolition works to be carried out between the 1st of October and 1st of May in order to avoid the main bat activity season.
- During demolition roof slates, bargeboards and fascia to be removed by hand under supervision of a licenced bat consultant.

1.8 This report shall remain valid until the 1st of April 2028 at which point should the structure have not been demolished it is recommended pre-works emergence (dusk) surveys are undertaken by a suitably qualified bat surveyor on all features previously identified, or newly identified, to ensure no further roosting bats have subsequently occupied them.

1.9 If at any time during the works a bat or other protected species are encountered, works should cease, and a suitably qualified ecologist contacted.

1.10 As bat species are known to be present in the wider landscape 2No. crevice bat boxes or similar approved are recommended to be installed in liaison with a suitably qualified ecologist – see **Appendix C.** Suitable locations under client ownership would include the mature weeping ash tree located in the south-east corner of the site.

2 INTRODUCTION

2.1 Background and Purpose of Survey

2.1.1 Landscape Ecology Limited was instructed by Mr and Mrs Martin and Olivia Edge to undertake dusk emergence bat surveys on a structure at 2 Manchester Road, Chorlton-cum-Hardy, Manchester M21 9JG (hereinafter known as 'the site').

2.1.2 A Preliminary Ecological Appraisal (PEA) undertaken in April 2025 by Landscape Ecology Limited (Report No. LEL_M219JG_PEA_2025 REV A) reported potential roosting features on the structure which had been identified during the appraisal.

2.1.3 Based on the walkover evidence gained from the PEA, Landscape Ecology Limited concluded that the potential suitability of the structures to support roosting bats is ***moderate***. Collins (2023) identifies ***moderate*** potential roosting opportunities as "*as a structure with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation value*".

2.1.4 Two separate dusk emergence surveys were recommended to be undertaken between May and September, with at least one being undertaken between May and August. However, additional survey effort may be required in order to confidently characterise any roost(s) e.g. high conservation status or not.

2.1.5 The PEA recommended that dusk emergence survey effort will involve two or more surveyors to be positioned to provide full coverage, in some cases from the street. Collins (2023) requires survey effort to include actual surveyors complemented by Night Vision Aids (NVA) such as thermal imaging and/or infrared recording cameras.

2.1.6 The following report details the results of the recommended emergence surveys on the structures; the purpose being to identify if any bats are using the structures for roosting, and if so, to subsequently inform how the species and if any potential licence and/or mitigation requirements are needed.

2.2 Legislation Overview

2.2.1 All bat species are protected under the Wildlife and Countryside Act 1981 (as amended) and Conservation of Habitats & Species (Amendment) (EU Exit) Regulations 2019. This makes it an offence to kill or injure bats or damage or destroy a place of shelter or protection. Deliberate or reckless disturbance of bats which could affect the ability to survive, breed, rear or nurture their young may also result in an offence.

2.3 Site Location

2.3.1 The site centre is located at Grid Ref: SJ 81344 93851 What3Words /// global.cheek.pays (see **Figure 1**) with access off Manchester Road.

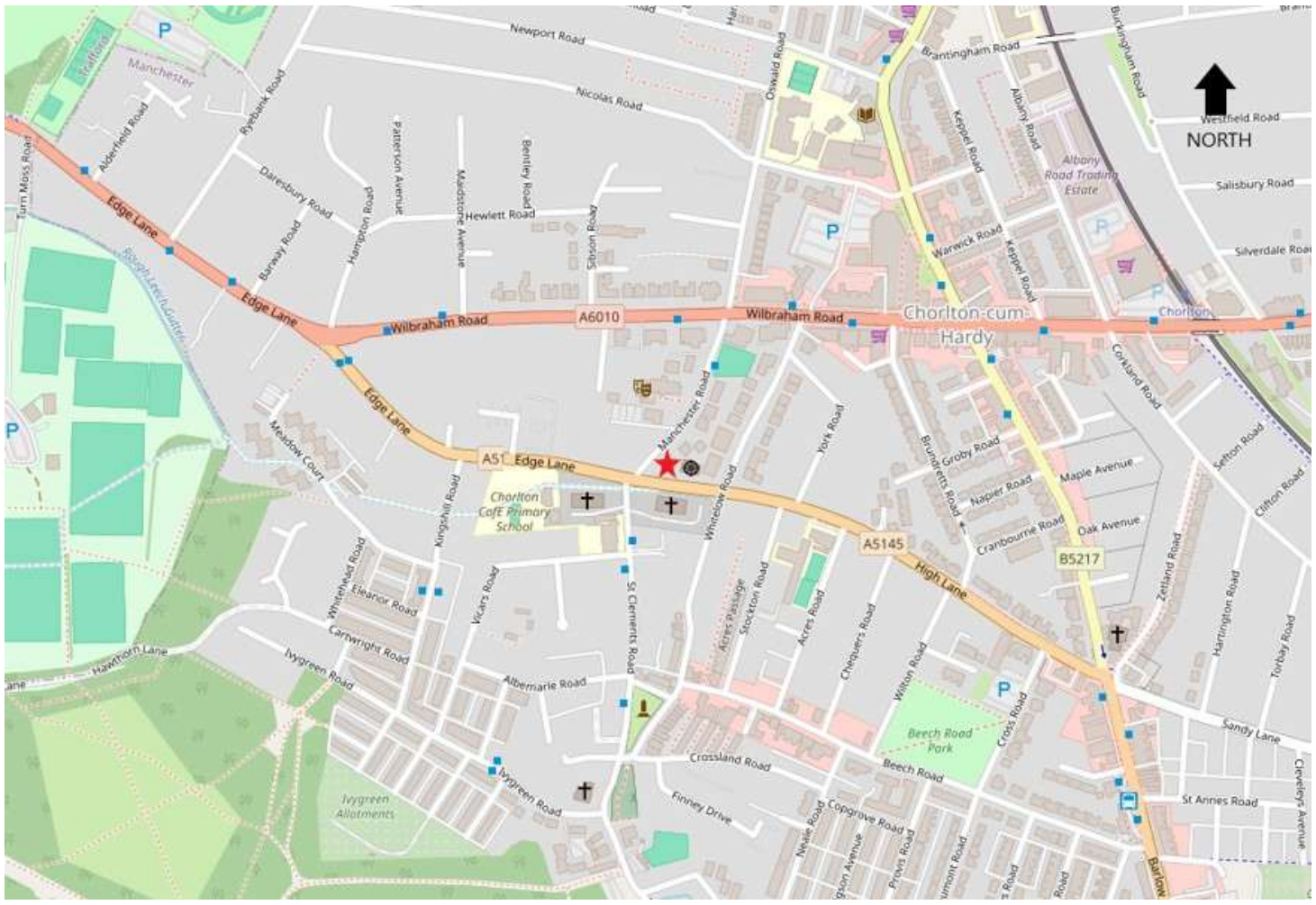


Figure 1: showing indicative location of the site starred red. www.freecountrymaps.com

2.3.2 The site is a two-storey brick built residential structure constructed approximately 120 years ago (Structural Surveys & Design 2024). Hardstanding footpath and parking surrounds the structure with the rest of the land made up of overgrown vegetation and trees. It is understood the property has not been inhabited for approximately three years.

2.3.3 Habitat surrounding the site is distinctly urban residential in character with green spaces and gardens providing habitat connectivity.

2.4 Proposed Works

2.4.1 It is proposed that the existing structure is demolished and replaced by a modern residential dwelling, similar in size.

3 SURVEY METHODS

3.1 Emergence Surveys

3.1.1 Dusk emergence surveys comprised of surveyors observing the structure equipped with a 3No. Wildlife Acoustics Echo Meter Touch 2 Pro (EMT2 Pro), 2No. NVA Pulsar Axion XG35 Compact thermal cameras (XG35) and a Sony HD AVCHD Handycam camera supported by infrared illuminator S1120B lighting units. Cameras, lighting units and detectors were all mounted on tripods. The Infrared unit was supported by an Anabat Express static bat detector. Thermal Imaging cameras were used in reference to Fawcett-Williams (2021).

3.1.2 Dusk emergence surveys followed Chapter 7 Bat Surveys for Professional Ecologists – Good Practice Guidance (Collins 2023) commencing at least 15 minutes before sunset continuing for minimum 1.5 hours after. Surveyor and equipment locations can be seen at **Appendix A**.

3.1.3 Collins (2023) recommends still night shot images from NVAs are provided; these can be seen below in **Table 2**.

3.1.4 Dusk emergence surveys were undertaken on Wednesday 10th of June, Wednesday 24th of June and Thursday 16th of July. Weather conditions and other data were also recorded on observation records (see **Appendix B**). Weather recordings were made using a Kestrel 3000 Weather Meter.

3.1.5 The lead surveyor was Mr Donald Kernott (DK) supported on surveys by trainee ecologist Miss Paige Gallagher (PG). Paige holds a BSc Hons in Ecology was a seasonal surveyor with Quantock Ecology (2023-2024), assisting with dusk emergence bat surveys across Bristol and Somerset. Other staff included Miss Millie Saunders (MS) who has been assisting on bat surveys this season and Mr Callum Trainor (CT) who, having just completed his A Levels, begins a BSc in Ecology at Edge Hill University in September. Trainee and assistant bat surveyors were under the direct supervision of the licenced lead surveyor Mr Kernott.

3.1.6 Donald, who led the surveys is a full member of The Chartered Institute of Ecology and Environmental Management (MCIEEM), holds a Level 2 Class Licence for bats (No. 2026-89941-CL18-BAT).

3.2 Constraints

3.2.1 Dense garden vegetation and angle of view constrained some visibility of the structure, although this was compensated by placing surveyors in public areas on adjacent streets which allowed visibility of roof area and upper floors.

3.2.2 Bat activity, though relatively low was confined to the garden area and survey effort increased to place greater emphasis on features that the lead surveyor considered justified greater survey effort – see **Tables 1** and **2**.

3.2.3 The Collins (2023) recommended minimum three weeks had not passed between surveys on 10th and 24th of June 2026. However, this is considered justified as survey effort concentrated on different features, other than those identified by the lead surveyor as requiring further survey effort.

3.2.4 Vegetation movement can significantly affect ThruTracker analysis. Swaying branches, rustling leaves, or tall grass moving in the wind create false triggers and ‘noise’ that interferes with automated wildlife tracking. To compensate, all frames from the use of thermal imaging cameras were reviewed manually where vegetation was found to be influencing results.

4 SURVEY RESULTS

4.1 Emergence Surveys

Table 1: Providing details of the dates, the surveyor name/initials and an overview of bat activity. Completed observation records with further detail on weather conditions and bat activity during the surveys can be found at **Appendix B.**

Date of Survey	Surveyor & Location – see also Appendix A	Image	Summary Results
Wednesday 10th of June 2026.	Donald Kernott (DK) south-west on corner of Manchester Road and High Lane west aspect of structure viewing roof & upper storey.		Activity observed – commuting common pipistrelle *Pipistrellus pipistrellus*. Low activity. No emergence from structure observed.
Wednesday 10th of June 2026.	Callum Trainor (CT) in front garden observing viewing upper & lower storey of west aspect.		Activity observed – commuting & foraging common pipistrelle. Low activity. No emergence from structure observed.
Wednesday 24th of June 2026.	DK north on corner of Manchester Road viewing roof & upper storey of structure.		Activity observed – commuting common pipistrelle. Low activity. No emergence from structure observed.
Wednesday 24th of June 2026.	Paige Gallagher (PG) to south in garden viewing upper & lower storey of south aspect of the structure.		Activity observed – commuting & foraging common pipistrelle. Low activity. Individual flew around downpipe to the east – unclear if emergence or foraging – further survey effort required.

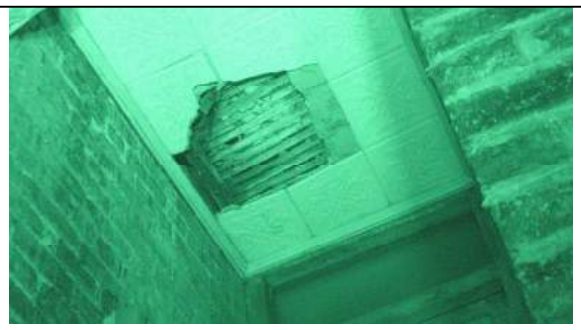
Thursday 16th of July 2026.	DK north-east in rear garden viewing upper lower storey, east and north aspect of the structure.		Activity observed – commuting & foraging common pipistrelle. Low activity. No emergence from structure observed.
Thursday 16th of July 2026.	MS to south in garden viewing upper & lower storey of south aspect of the structure.		Activity observed – commuting & foraging common pipistrelle. Low activity. No emergence from structure observed.
Thursday 16th of July 2026	CT on High Lane viewing roof and upper storey of south aspect of structure.		Activity observed – commuting & foraging common pipistrelle. Low activity. No emergence from structure observed.

4.2 Night Vision Aids

4.2.1 NVAs with accompanying EMT2 Pro detectors were deployed to the front and rear of the structure during all surveys – see **Table 2.**

Table 2: Providing details of the dates and locations at which NVAs and EMT2 Pro detectors were deployed, and an overview of bat activity recorded and subsequently reviewed.

Date of Survey	NVA Location – see also Appendix A	Image	Summary Results
Wednesday 10th of June 2026.	XG35 - rear garden with coverage of features on rear east side of structure identified in PEA.		Analysed using ThruTracker ThruTracker Analytics and subsequently visually. Activity observed – commuting & foraging common pipistrelle (22:11-23:04). Low activity. No emergence from structure recorded.
Wednesday 10th of June 2026.	XG35 - front garden upper story features on north-west corner of the structure.		Analysed using ThruTracker and subsequently visually. Activity observed – commuting & foraging common pipistrelle (22:11-23:04). Low activity although quite a bit of activity around north-west corner – further survey effort required. No emergence from structure recorded.
Wednesday 10th of June 2026.	Infrared – feature within porch south-east of structure.		Reviewed visually. No emergence or activity recorded.
Wednesday 24th of June 2026.	XG35 - rear garden with coverage of features on rear east side of structure identified in PEA.		Analysed using ThruTracker and subsequently visually. Activity observed – commuting & foraging common pipistrelle (21:13-23:12). Low activity. No emergence from structure recorded.

Wednesday 24th of June 2026	XG35 - front garden upper story features on north-west corner of the structure.		Analysed using ThruTracker and subsequently visually. Activity observed – commuting & foraging common pipistrelle (21:13-23:12). Low activity. No emergence from structure recorded.
Wednesday 24th of June 2026	Infrared – feature within porch south-east of structure.		Reviewed visually. No emergence or activity recorded.
Thursday 16th of July 2026	South in garden viewing feature queried during survey 24/06/26.		Analysed using ThruTracker and subsequently visually. Activity observed – commuting & foraging common pipistrelle (21:52-22:25). Low activity. No emergence from structure recorded.
Thursday 16th of July 2026	XG35 - front garden upper story features on north-west corner of the structure.		Analysed using ThruTracker and subsequently visually. Activity observed – commuting & foraging common pipistrelle (21:53-22:55). Low activity. No emergence from structure recorded.
Thursday 16th of July 2026	Infrared – feature within porch south-east of structure		Reviewed visually. No emergence or activity recorded.

4.2.2 Video frames from the XG35 survey output were analysed using ThruTracker Analytics ThruTracker Analytics. It uses traditional computer vision and artificial intelligence to detect bats leaving their roosting locations. It provides high speed batch processing of thermal imaging videos highlighting any detections of potential bat, this can be followed up by the ecologist reviewing the actual frame to confirm presence or not. Video frames are available upon request.

4.2.3 EMT2 Pro data was reviewed using a handheld iPad with reference to Russ 2012. Anabat data was analysed using Anabat Insight.

5 EVALUATION AND RECOMMENDATION

5.1 Survey observations and analysis of the recordings concluded that there was overall a low level of activity during emergence surveys. The species recorded and/or observed during the surveys were common pipistrelle only.

5.2 No emergence was observed or recorded from the structure during the surveys undertaken.

5.3 It is considered that hibernating bats are unlikely to be present. Other than small areas of daylight that could be seen penetrating the roof space via slipped tiles or damaged facia, and a broken window to the rear, internal access by bat species appears unlikely. External features identified are unlikely to support hibernating bats through prolonged cold periods during winter.

5.4 However, in the event hibernating bats are encountered then a full Protected Species Licence will be required from Natural England to undertake the proposed works and ensure appropriate mitigation is incorporated.

5.5 It is considered unlikely that significant or low conservation value roosts are present within the building, however given the structure offers ***moderate potential*** for roosting bat and the opportunistic nature of common pipistrelle, it is recommended that proposed works are carried out under the supervision of a licenced bat consultant with reference to a Method Statement.

5.6 The Method Statement will include the following;

- Pre-demolition toolbox talk to be delivered by licenced bat consultant to demolition contractors.
- Pre-demolition surveys to ensure no bats are roosting including the use of endoscopes to check any gaps or cracks identified.
- Demolition works to be carried out between the 1st of October and 1st of May in order to avoid the main bat activity season.
- During demolition roof slates, bargeboards and fascia to be removed by hand under supervision of a licenced bat consultant.

5.7 A Method Statement is normally required by the Local Planning Authority to ensure that appropriate procedures are in place before demolition works proceed. The existence of the Method Statement assists in defence against prosecution for intentional, deliberate or reckless disturbance of bat species or their roosts.

5.8 As noted above bats are using adjacent habitat resources for foraging/commuting bats. Any new lighting as part of the proposals should avoid light spill and glare upon these resources (mature trees, hedgerows and other vegetation) or recommended enhancement. The input of a lighting professional should be sought when determining the distances of light spill from new sources and likelihood of glare. The Institution of Lighting Professionals (2023) has published a guidance document which provides further information; Guidance Note GN08/23 Bats and Artificial Lighting At Night - https://theilp.org.uk/publication/guidance-note-8-bats-and-artificial-lighting/.

5.9 This report shall remain valid until the 1st of April 2028 at which point should the structure have not been demolished it is recommended pre-works emergence (dusk) surveys are undertaken by a suitably qualified bat surveyor on all features previously identified, or newly identified, to ensure no further roosting bats have subsequently occupied them. Depending on the level of activity and the professional judgement of the bat surveyor, additional survey effort or mitigation may be required.

5.10 If at any time during the works a bat or other protected species are encountered, works should cease, and a suitably qualified ecologist contacted.

5.11 As bat species are known to be present in the wider landscape 2No. crevice bat boxes or similar approved are recommended to be installed in liaison with a suitably qualified ecologist – see **Appendix C**. Suitable locations under client ownership would include the mature weeping ash tree located in the south-east corner of the site.

6 REFERENCES

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

Fawcett Williams, K. (2021). *Thermal Imaging Bat Survey Guidelines*.

Institution of Lighting Professionals. (2023). *Guidance Note GN08/23 Bats and Artificial Lighting At Night*. Warwickshire CV21 2PN.

Landscape Ecology Limited. (2025). *Preliminary Ecological Appraisal REV A*.

Structural Surveys & Design. (2024). *Structural Report for 2 Manchester Road, Chorlton-cum-Hardy*

Russ, J. (2012). *British Bat Calls: A Guide to Species Identification*. Pelagic Publishing, Exeter.

Appendix A

Surveyor & Equipment Locations Plan

Location of surveyor, EMT2 Pro and NVAs.



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Appendix B

Observation Records

Project: 2 Manchester Rd M21 9JG				**Date:** 10/06/26	**Sunset:** 21:36	**Start Time:** 21:21	**Finish Time:** 23:06
Temp: 13°C/12°C	**Wind Speed:** 5-10mph		**Cloud Cover:** 30%-10%		**Humidity:** 66%-76%	**SURVEYOR:** D. Kernott	**SURVEYOR LOCATION:** south-west of structure

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	21:47	Cpip	1	Seen	commuting	south to north	distant individual	not confirmed
2	22:16	Cpip	1	Seen	commuting	from north	did not see where went	not confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 22:00

Project: 2 Manchester Rd M21 9JG				**Date:** 10/06/26	**Sunset:** 21:36	**Start Time:** 21:21	**Finish Time:** 23:06
Temp: 13°C/12°C	**Wind Speed:** 5-10mph		**Cloud Cover:** 30%-10%		**Humidity:** 66%-76%	**SURVEYOR:** C. Trainor	**SURVEYOR LOCATION:** south-west garden

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	22:12	Cpip	1	Seen	foraging	south	circling around south side	confirmed
2	22:14	Cpip	1	Seen	commuting	north to south	across west front	confirmed
3	22:16	Cpip	1	Seen	foraging	north	circling around north side	confirmed
4	22:17	Cpip	1	Seen	foraging	west	circling garden area west	confirmed
5	22:28	Cpip	1	Seen	commuting	west	straight west	confirmed
6	22:29	Cpip	1	Seen	commuting	south	south side	confirmed
7	22:33	Cpip	0	Not Seen	not clear	N/A		confirmed
8	22:53	Cpip	0	Not Seen	not clear	N/A		confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 22:00

Project: 2 Manchester Rd M21 9JG				**Date:** 24/06/26	**Sunset:** 21:41	**Start Time:** 21:26	**Finish Time:** 23:11
Temp: 25°C/20°C	**Wind Speed:** 0mph		**Cloud Cover:** 0%		**Humidity:** 73%-72%	**SURVEYOR:** D. Kernott	**SURVEYOR LOCATION:** north of structure

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	22:20	Cpip	1	Seen	commuting	south to north	over hedge	confirmed
2	22:39	Cpip	0	Not Seen	not clear	N/A		confirmed
3	22:51	Cpip	1	Seen	commuting	west to east	over garden past south aspect of structure	confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 22:06

Project: 2 Manchester Rd M21 9JG				**Date:** 24/06/26	**Sunset:** 21:41	**Start Time:** 21:26	**Finish Time:** 23:11
Temp: 25°C/20°C	**Wind Speed:** 0mph		**Cloud Cover:** 0%		**Humidity:** 73%-72%	**SURVEYOR:** P. Gallagher	**SURVEYOR LOCATION:** south of structure

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	22:00	Cpip	0	Not Seen	not clear	N/A	distant	confirmed
2	22:04	Cpip	1	Seen	foraging?	east	flying around drainpipe - unclear if foraging or emergence - further survey effort required	confirmed
3	22:08	Cpip	0	Not Seen	not clear	N/A	distant	confirmed
4	22:10	Cpip	1	Seen	commuting	west to east		confirmed
5	22:17	Cpip	1	Seen	foraging	east to west to east	in garden & around structure for 3 minutes	confirmed
6	22:39	Cpip	1	Seen	foraging	east to west to east	in garden & around structure for 1 minute	confirmed
7	22:43	Cpip	1	Seen	foraging	east to west to east	in garden & around structure for 1 minute	confirmed
8	22:47	Cpip	1	Seen	foraging	east to west to east	frequently until 22:54	

Additional Notes:
Cpip = common pipistrelle
Street lights on 22:06

Project: 2 Manchester Rd M21 9JG				**Date:** 16/07/26	**Sunset:** 21:34	**Start Time:** 21:19	**Finish Time:** 23:04
Temp: 24°C/20°C	**Wind Speed:** 5mph		**Cloud Cover:** 0%		**Humidity:** 49%-58%	**SURVEYOR:** D. Kernott	**SURVEYOR LOCATION:** north-east garden

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	21:44	Cpip	1	Seen	commuting	east to west	past north side of structure	confirmed
2	21:52	Cpip	1	Seen	foraging	north to south	turned once over ash tree & away south	confirmed
3	21:54	Cpip	1	Seen	foraging	to south	over rear garden south foraging ash tree & away south-east over adjacent garden	confirmed
4	21:58	Cpip	1	Seen	foraging	north to east to south	foraging garden around structure	confirmed
5	21:59	Cpip	2	Seen	chasing	south	x2 bat chasing eachother	confirmed
6	22:02	Cpip	1	Seen	foraging		around structure until 22:15	confirmed
7	22:05	Cpip	2	Seen	chasing	south-west to north	chasing over garden & away north	confirmed
8	22:20	Cpip	1	Seen	commuting	north to west	past west aspect of structure & again 22:21	confirmed
9	22:24	Cpip	1	Seen	foraging	south to south	over west garden & returning south	confirmed
10	22:25	Cpip	1	Seen	foraging	south-west to south-west	over garden	confirmed
11	22:31	Cpip	0	Not Seen	not clear	N/A		
12	22:32	Cpip	1	Seen	foraging	from north-west	did not see where it went - foraging garden 22:33	confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 21:50

Project: 2 Manchester Rd M21 9JG				**Date:** 16/07/26	**Sunset:** 21:34	**Start Time:** 21:19	**Finish Time:** 23:04
Temp: 24°C/20°C	**Wind Speed:** 5mph		**Cloud Cover:** 0%		**Humidity:** 49%-58%	**SURVEYOR:** C. Trainor	**SURVEYOR LOCATION:** south aspect of structure

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	21:59	Cpip	2	Seen	foraging	south	x2 bats chasing south over garden	confirmed
2	22:00	Cpip	1	Seen	commuting	east to west to south	over structure	confirmed
3	22:01	Cpip	1	Seen	commuting	south to north	from church behind	confirmed
4	22:22	Cpip	1	Seen	commuting	south to north	from church behind	confirmed
5	22:38	Cpip	1	Seen	commuting	east to west	following hedgeline	confirmed
6	22:49	Cpip	0	Not Seen	not clear	N/A		confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 21:50

Project: 2 Manchester Rd M21 9JG				**Date:** 16/07/26	**Sunset:** 21:34	**Start Time:** 21:19	**Finish Time:** 23:04
Temp: 24°C/20°C	**Wind Speed:** 5mph		**Cloud Cover:** 0%		**Humidity:** 49%-58%	**SURVEYOR:** M. Saunders	**SURVEYOR LOCATION:** south in garden

OBSERVATIONS

Observation No.	Time	Species	No. of Bats	Seen/Not Seen	Activity Type	Direction of Flight	Notes	Sound Analysis Result
1	21:52	Cpip	1	Seen	commuting	east to west	flew over surveyors head	confirmed
2	21:54	Cpip	1	Seen	foraging	west to east	circling garden	confirmed
3	21:57	Cpip	1	Seen	foraging	east to west to east	individual constantly circling foliage side of structure	confirmed
4	22:00	Cpip	2	Seen	foraging	west to south	x2 bats circling garden around eachother	confirmed
5	22:02	Cpip	1	Seen	foraging	south-east	circling upper-story window & west facing foliage	confirmed
6	22:05	Cpip	1	Seen	foraging	west to south to east	same bat as above but lower in garden	confirmed
7	22:08	Cpip	1	Seen	foraging	east	active east & circling house	confirmed
8	22:11	Cpip	1	Seen	foraging	east to west	vegetation to north-west	confirmed
9	22:23	Cpip	1	Seen	foraging	east to west to east	circling side of house	confirmed
10	22:32	Cpip	1	Seen	foraging	west to east		confirmed
11	22:36	Cpip	1	Seen	commuting	west to north	flew over garden	confirmed
12	22:43	Cpip	0	Not Seen	not clear	N/A		confirmed
13	22:45	Cpip	0	Not Seen	not clear	N/A		confirmed

Additional Notes:
Cpip = common pipistrelle
Street lights on 21:50

Appendix C

Enhancement – Bat Boxes

Crevice Bat Box

Available from NHBS or similar approved suppliers

Wooden Bat Boxes | NHBS Practical Conservation Equipment

