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Our reference: 2482901 Bury Market Updated Bat Survey Results – Rev00

Dear Jane,

This letter provides an update to bat survey information at the above site based on surveys carried out on 13 June 2023. Emergence surveys were carried out to detect if any bats left the building at dusk. This type of survey is used to identify bat roosts and give an indication of the species and numbers of bats present.

Summary

No bats were identified roosting in buildings B1 or B4 (see *Figure 1.1*). A single common pipistrelle was observed commuting adjacent to B1, but it did not emerge from either building.

No bats were seen to emerge from B1 and B4, and no bats were observed in relation to any of the potential roost features. This is sufficient to show that bats do not currently roost in buildings B1 or B4 for roosting and no further assessment, mitigation or licencing is required.

Method

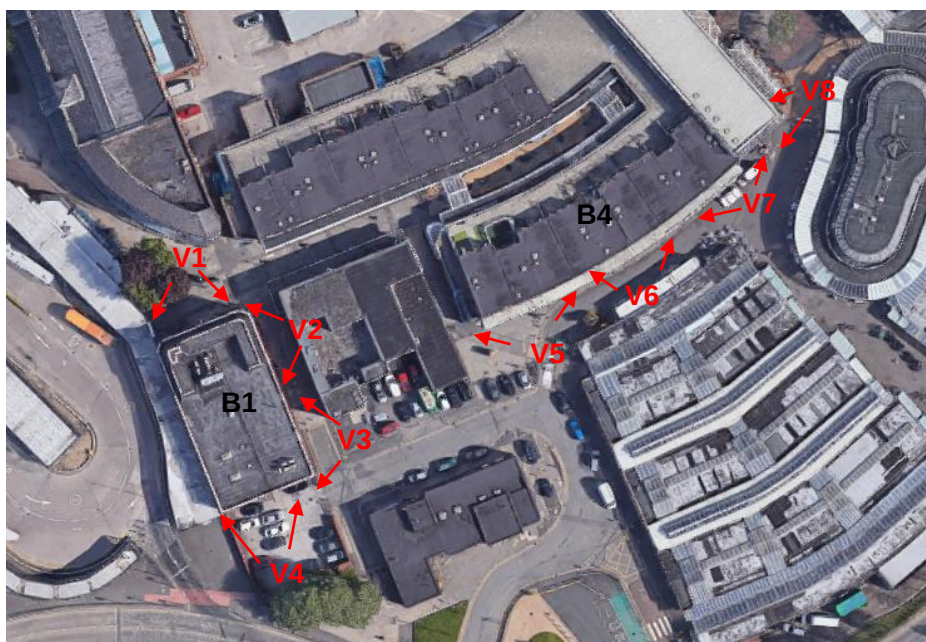
A bat emergence survey was undertaken following guidance set out in Collins (2016). The survey was conducted using appropriate handheld bat detectors suitable for commercial use and undertaken by competent and suitably trained bat surveyors.

Eight suitably qualified bat surveyors were positioned around the B1 and B4 to observe the areas of highest bat-roosting potential.

Figure 1.1 shows the approximate location of the surveyors.



Figure 1.1 Approximate Location Of Surveyors



Data Analysis

An Echo Meter Touch 2 was used to record bat calls during the survey. Data from the Echo Meter Touch 2 was converted from WAV to ZCA using Wildlife Acoustics Kaleidoscope Software and was analysed using AnalookW.

Limitations

Surveyors had clear views of the buildings and the potential roosting features so that low light conditions would not have caused a significant constraint to the survey results.

The surveys were conducted in optimum weather conditions, following guidance set out in Collins (2016)¹.

Nocturnal Bat Survey Results

The following subsection provides a summary of bat activity. Please refer to *Appendix I* for the full survey forms.

¹ Collins, J. (ed.) (2016) Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd edn). The Bat Conservation Trust, London.



Dusk Emergence Survey Re-Entry Survey 30th May 2022

A single common pipistrelle (*Pipistrellus pipistrellus*) was recorded at V1, V2, V3 and V4. The common pipistrelle was observed at 20:16. Approximately 1 hour after sunset. No bats were recorded at V5, V6, V7 and V8.

No emergences were recorded.

Interpretation

A single common pipistrelle was recorded commuting adjacent to B1 at approximately 1 hour after sunset. No other bats were recorded during the survey. Due to the low level of activity noted, and the timing the bat was recorded (pipistrelles usually leave their roosts around 20 minutes after sunset), it is anticipated that a bat roost is located within the local area but not within the site or close proximity to the site.

No bats were recorded emerging from the building, and this is sufficient to indicate that bats are not roosting in Buildings B1 and/or B4. Therefore, no further assessment, mitigation or licencing is required for the works to proceed. In the unlikely event that a bat is found inside B1 and B4 during the works, all works must cease immediately and a qualified ecologist should be contacted for advice on what actions need to be taken..

Yours sincerely,

Eleanor Holloway

Reviewed by

Sarah Harmer, on behalf of RSK Biocensus