



Environmental Consultants

Bat Survey Report

Coole Harbour, Co. Tipperary.



DOCUMENT DETAILS

Client: Diane Clancy.

Project Title: For the renovation and extension to a cabin in Coole Harbour, Portroe, Co. Tipperary.

Planning Ref No: 2461066

Document Title: Bat Survey Report

Prepared By: John Curtin; Eire Ecology

Date: 11/07/2025

EXECUTIVE SUMMARY

This document reports on the findings of bat surveys conducted in 2025 at Coole Harbour, Portroe, Co. Tipperary.

An emergence survey was conducted using bat detectors and thermal scopes on the building in question (southern lodge). The aim was to identify any roosting bats within the building in question. Bat surveys have previously been conducted in 2021 by Ecofact Environmental Consultants who identified two Soprano Pipistrelle emerging from an existing cabin close to the lake edge. Surveys of the southern building (the building in question) did not reveal any roosting bats at this time. These initial surveys were conducted as a requirement for a different planning application (Pl Ref: 2194) involving modification to numerous buildings on the site. After the planning permission was submitted a derogation licence was granted (DER/BAT 2021-83) allowing for the renovation / extensions and felling of trees.

Since this time the proposed development has changed considerably, reducing in scope, now only proposing to renovate the southern building where no bat roost had previously been found (Pl Ref: 2461066). This survey aimed to examine the southern structure for its potential to host a bat roost.

Results reveal the presence of a single Common Pipistrelle bat (satellite roost) roosting in a gap by a window within the subject building. Bats still appear to be roosting in the northern cabin which will remain unaffected by the proposed development. A derogation licence is being sought for the destruction of the roost. Proposed mitigation includes erection of bat boxes by the edge treeline and excluding the bat roost using a one way door.

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2 INTRODUCTION

This document reports on the findings of bat surveys conducted in 2025 at Coole Harbour, Portroe, Co. Tipperary.

2.1.1 Objective of the proposed works

This report aims to;

- Update previous bat surveys conducted on site.
- Identify bat roosts in the building where changes are proposed.
- Potential impacts of bats by the proposed development.

2.1.2 Name, qualifications and relevant experience of scientific staff, including trainees

The survey was designed and carried out by **John Curtin B.Sc. (Env.)**. John has over ten years' experience of carrying out bat surveys and has completed numerous surveys during this time. John has also completed the Bat Conservation Ireland, Bat Detector Workshop and Bat Handling Workshop which are the standard training for the carrying out of bat surveys in Ireland. He follows the Bat Conservation Ireland 'Good Practice Guidelines' (Aughney et al., 2008). In addition, John is a longtime active member of Bat Conservation Ireland, which monitor bat populations in Ireland, and facilitate the education of bat communities to the public. The surveys undertaken are in line with recommendations of the Irish Wildlife Manual No. 134 (Marnell, 2022) while following elements of Bat Conservation Trust 'Good Practice Guidelines, 4th edition, (Collins, 2023).

Surveys were assisted by Rowan Curtin .

John holds the following licences.

Description	Licence No
Licence to capture protected wild animals for educational, scientific or other purposes (bats)	C014/2025
Roost disturbance (bats)	Der/Bat 2025-177
Licence to photograph / film wild animals (bats)	032/2025

3 BACKGROUND TO PROPOSED ACTIVITY

3.1 LEGISLATIVE PROTECTION

There are two main pieces of legislation which cover wildlife protection in Ireland – the Wildlife Act and the Habitats Regulations. These are outlined below, with particular reference to the protection afforded to bat species in Ireland.

The Wildlife Acts 1976–2012 (as amended)

The primary pieces of national legislation for the protection of wildlife in Ireland are the Wildlife Act (1976) and the Wildlife [Amendment] Act (2000). All species of bats in Ireland are listed on Schedule 5 of the 1976 Act, and are therefore subject to the provisions of Section 23, which make it an offence to:

- Intentionally kill, injure or take a bat
- Possess or control any live or dead specimen or anything derived from a bat
- Wilfully interfere with any structure or place used for breeding or resting by a bat
- Wilfully interfere with a bat while it is occupying a structure or place which it uses for that purpose

European Communities (Natural Habitats) Regulations 1997 (S.I. No. 94/1997) (with subsequent amendments up to 2024).

The EC Directive on the Conservation of Natural Habitats and of Wild Fauna and Flora (Habitats Directive 1992) seeks to protect rare and vulnerable species and the habitats in which they are commonly found and requires that appropriate monitoring of populations be undertaken. All bat species found in Ireland are listed under Annex IV of the Directive, while the lesser horseshoe bat is afforded further protection under Annex II. The Habitats Directive has been transposed into Irish law by the European Communities (Natural Habitats) Regulations 1997. All bat species are listed on the First Schedule and Section 23 of the regulations makes it an offence to:

- Deliberately capture or kill a bat
- Deliberately disturb a bat
- Damage or destroy a breeding site or resting place of a bat

Provision is made in the Regulations for the Minister for Housing, Local Government and Heritage to grant, in strictly specified circumstances set out in that Regulation, a derogation license permitting any of the above activities “where there is no satisfactory alternative and the derogation is not detrimental to the maintenance of the populations of the species to which the Habitats Directive relates at a favourable conservation status in their natural range”.

The Planning and Development Act 2000 (as amended): This Act integrates biodiversity considerations into the planning process and requires ecological assessments, including for bats, as part of Environmental Impact Assessments (EIAs).

3.2 SITE LOCATION

The site lies within Coole Harbour, Portroe, Co. Tipperary (52.90537793, -8.37821251). The site lies adjacent to the Lough Derg pNHA (Site Code: 000011) and the Lough Derg SPA (004058). Bats are not mentioned in the SPA dataform. The site is not located within a Lesser Horseshoe bat region. See figure 3-1 for site and structures locations.

3.3 REASON FOR SURVEY

The client; Diane Clancy is the owner of the site that currently contains a number of structures such as a timber lodge, cabin, boat shed and harbour on the shore of Lough Derg. In 2021 a planning application was granted for a larger development including the renovation and extension of the lodge, replacement of cabin, and upgrade to harbour. As part of the application a bat survey was conducted and a bat roost was found in a cabin. The planning application was successful and an ecologist was granted a derogation licence for the destruction of the cabin bat roost (DER/BAT2021-83).

Although planning was successful, works did not proceed and a new application was submitted in 2024 (PL Ref 2461066) with a considerably smaller footprint. The application is for *"design alterations to existing planning ref: 21/94, the proposed alterations are confined to the existing dwelling and will consist of design changes to the proposed extension which reduce the scale of the proposed changes to the dwelling and all ancillary works"*. This new application excludes the northern cabin where the bat roost was found. This building will now remain as is.

The planning was granted on 11/02/2025. Condition 2 of the planning approval states *"Unless specifically modified by this grant of permission the development shall comply with the terms and conditions of PL. Ref. 21/94, which govern the overall development of the lands of which the site forms part including the expiry date of same"*.

As such a bat survey of the lodge was necessary prior to commencement of construction.

4 PROPOSED DEVELOPMENT

The proposed alterations are confined to the existing dwelling and will consist of design changes to the proposed extension which reduce the scale of the proposed changes to the dwelling and all ancillary works.

The lodge has a current gross floor space of 102.58sqm. An extension of 35.25m is proposed. There will be significant upgrades to the structure given the state of disrepair including an upgrade to the treatment unit and percolation zone. Figure 4-1 and 2 show the site layout and plan views.

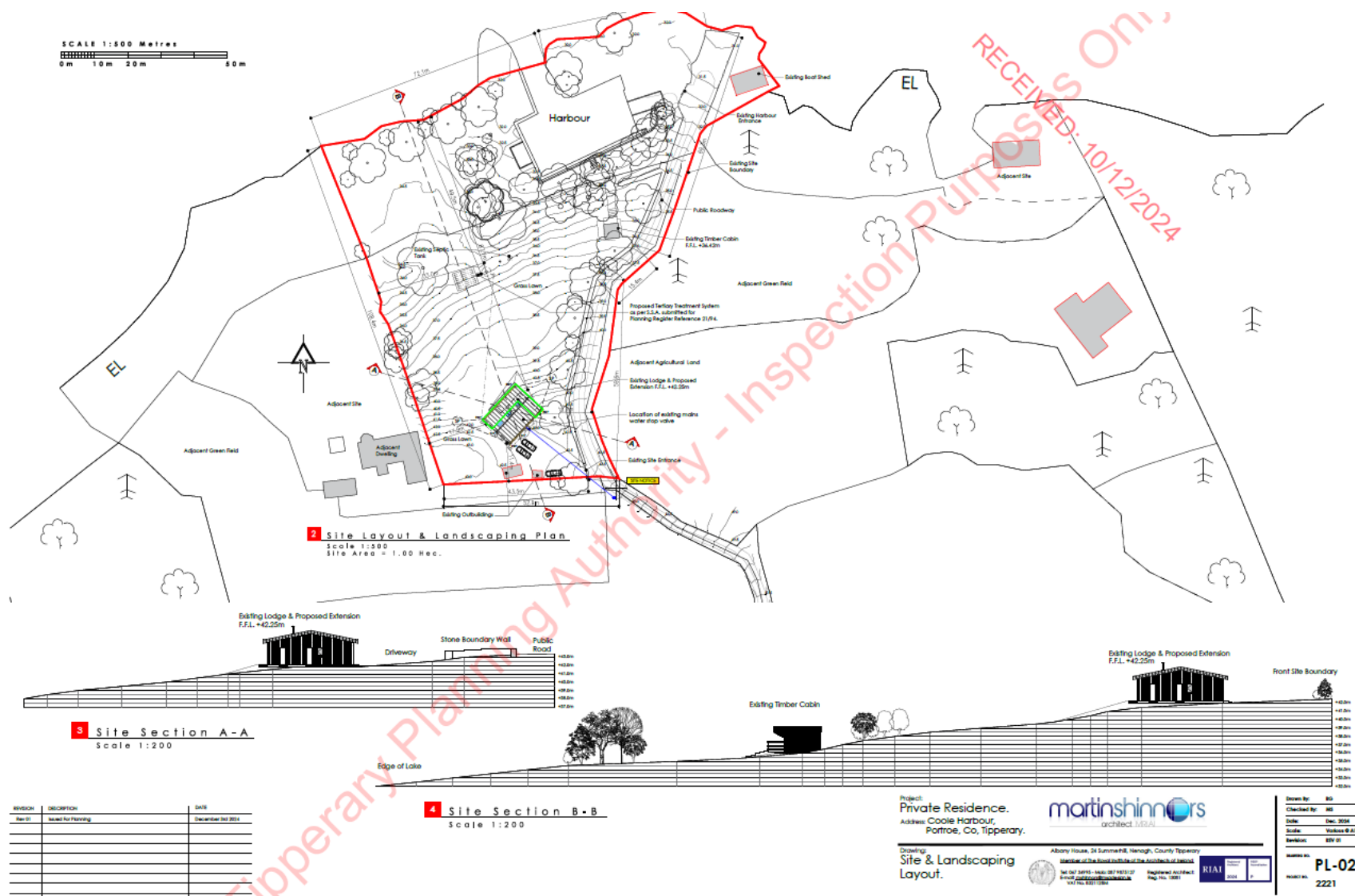


Figure 4-1: Site Layout Plan – green area shows location of lodge

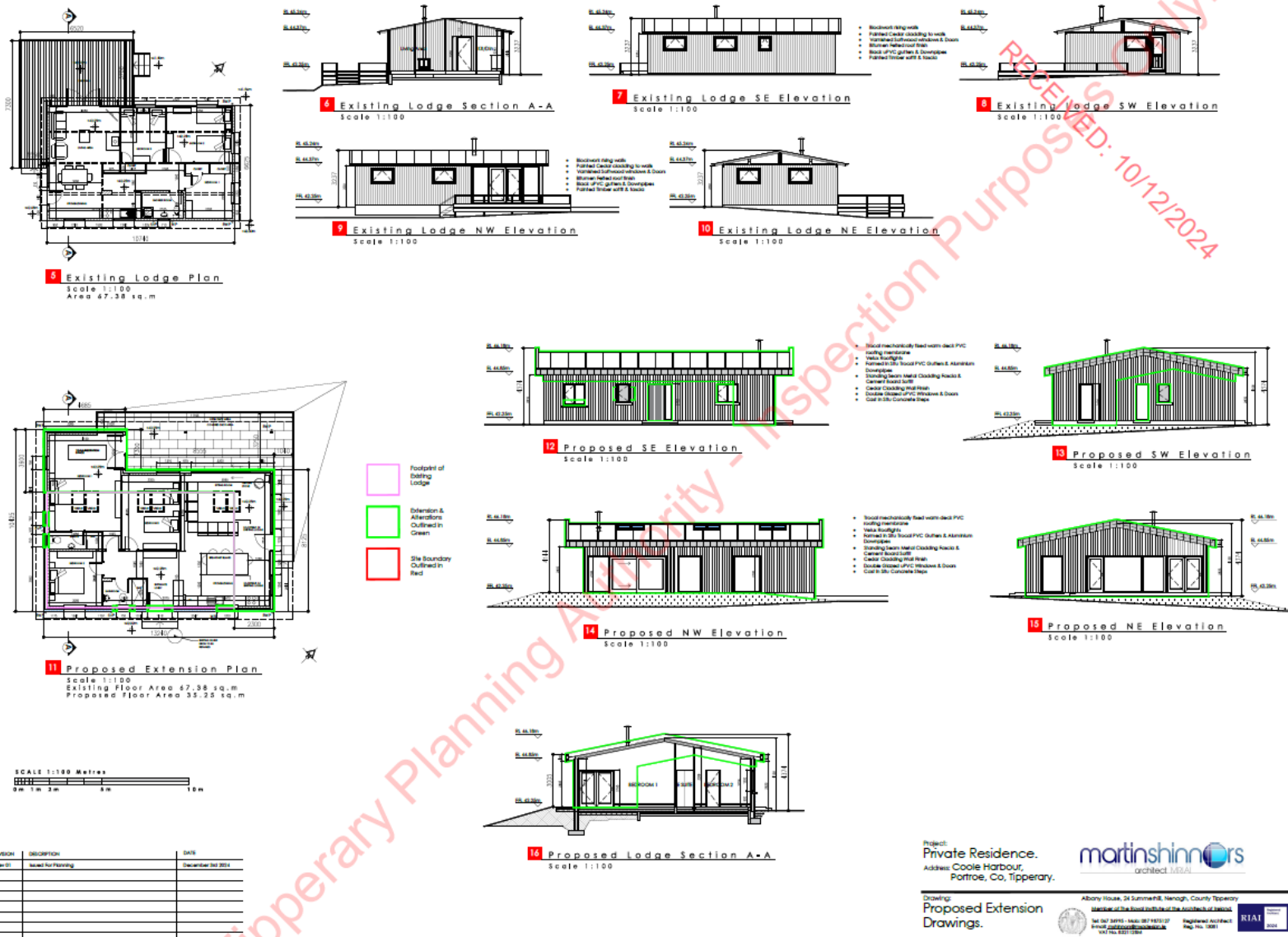


Figure 4-2: Drawings of proposed redevelopment

5 ECOLOGICAL SURVEY AND SITE ASSESSMENT

5.1 PRE-EXISTING INFORMATION ON SPECIES AT LOCATION AND ENVIRONS

5.1.1 Historical data – BCI and NBDC Records

The BCI database was consulted for details on bat records held for the site and the surroundings. The database was consulted on the 11/06/2025 for details on historical records from the site for the surrounding area. No bat roosts are recorded within 6km of the site. Four roosts can be found within 10km but these roosts are located outside the core sustenance zone of all Irish bats.

A core sustenance zone (CSZ), as applied to bats, refers to the area surrounding a communal bat roost within which habitat availability and quality will have a significant influence on the resilience and conservation status of the colony using the roost (BCT, 2020).

5.1.2 Previous Bat Surveys conducted within site

5.1.2.1 2021 – Cabin survey (Pl Ref: 2194)

Surveys conducted for a larger scale development since scaled back. Trees, a cabin and the southern lodge building were examined. A bat roost (2 soprano pipistrelle) was found in the cabin (see figure 5-1 below) while trees along the eastern boundary were noted to have peeling bark suitable for single bats. No bat roost was found in the lodge building.

Diane Clancy Site Location



DISCLAIMER

Although great care was taken in the preparation of this map, the authors cannot be held responsible for any loss or damage emanating from its use. THIS MAP MUST NOT BE CONSIDERED AN AUTHORITY ON THE DELIMITATION OF INTERNATIONAL AND OTHER BOUNDARIES.

Figure 5-1: Site location map with location of subject building

5.2 STATUS OF THE SPECIES IN THE LOCAL/REGIONAL AREA

The NPWS Article 17 data (from 2019) was examined to define a status of bats within the environs of the subject site. Ranges and distributions of all Irish bat species were examined (<https://www.npws.ie/maps-and-data/habitat-and-species-data/article-17/2019/species/mammals>) with table 5-1 below showing the status of all bats within the locality is deemed favourable.

Table 5-1: Status of bats found within environ of subject site

Common name	Latin Name	Within range?	Within distribution?	Status
Common pipistrelle	<i>Pipistrellus pipistrellus</i>	No	No	Favorable
Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>	Yes	Yes	Favorable
Nathusius' pipistrelle	<i>Pipistrellus nathusii</i>	No	No	Favorable
Leisler's bat	<i>Nyctalus leisleri</i>	Yes	Yes	Favorable
Brown long-eared	<i>Plecotus auritus</i>	Yes	No	Favorable
Daubenton's bat	<i>Myotis daubentonii</i>	Yes	Yes	Favorable
Whiskered bat	<i>Myotis mystacinus</i>	Yes	No	Favorable
Natterer's bat	<i>Myotis nattereri</i>	Yes	No	Favorable
Lesser horseshoe bat	<i>Rhinolophus hipposideros</i>	No	No	Favorable

5.3 OBJECTIVE(S) OF SURVEY

The objective of the survey is to determine if a bat roost is present in the lodge. The 2021 survey had not found a roost here.

5.4 DESCRIPTION OF SURVEYS AREA

The subject site consists of amenity grassland with timber cabins and a marina on the shore of Lough Derg. The site is surrounded by mixed woodland providing good bat habitat, with both feeding and roosting potential. The survey is confined to the lodge building given the proposed development is restricted to this building along with some works to amenity grassland (instillation of WWTP). This grassland habitat is of minimal important to bat species.

5.5 METHODOLOGIES

Methodologies follow (Marnell, 2022). A preliminary inspection was conducted of the building followed by an emergence bat survey. The night time survey utilised bat detectors and night vision equipment following (Collins, 2023). All aspects of the building were covered with the survey carried out within the bat active season.

5.5.1.1 Structures.

The revised approved planning, narrows the scope of development to focus on the southern lodge. Ancillary works include the upgrading of the septic tank to a tertiary treatment system confined to amenity grassland habitat.

The cabin consists of a wood clad building with a torch on felt roof. It has wooden fascia which has small cracks where bats could potentially squeeze through. No bat droppings were found on the walls or on the floor around the building.

5.5.2 Night-time Surveys

A night time survey was conducted on the 29th of May 2025. The bat detectors used during the surveys were Wildlife Acoustics Inc. (Massachusetts, USA) EM touch pro 2s which are triggered to record when a bat call is emitted louder than 18dB for 1sec. These detectors use full spectrum sampling; detecting all frequencies simultaneously, meaning that multiple bat calls can be recorded at the same time.

In addition, three NVA's (Night Vision Aids) were used to aid spotting emerging bats;

- Canon XA10 with two IR Nightfox torches
- Guidetrack Pro 19mm thermal scope
- Guidetrack Pro TK612 thermal scope

Weather conditions during the survey were good with temperatures ranging from 13.5 to 11 degrees, no rain and westerly winds from 0.4 to 1.1ms.

Surveyors were positioned at the thermal scopes while the Cannon was left on its own, with footage reviewed afterwards using VLC player. All recordings were reviewed using kaleidoscope 5.7.0.

5.6 SURVEY RESULTS

Surveys commenced at 21:00 (38 minutes before sunset) until 23:50. The first recorded bat was a Soprano Pipistrelle recorded at 21:46. This bat was not found to emerge from the building. From this time Pipistrelle activity was recorded regularly.

A single common Pipistrelle was recorded exiting a small roost located in a gap adjacent to a window along the eastern gable of the lodge. This occurred at 22:05, 27 minutes after sunset.

At 22:08 further Common and Soprano Pipistrelle was noted flying by the trees to the east of the site joined by Soprano Pipistrelle at 22:21. Foraging behaviour was noted from this point for the rest of the survey. The first Leisler's bat was noted at 21:52 with unidentified Myotis recorded at 22:47. No other bat emerged from the building during the survey.

Clancy NVA's & Location of Emerging Bat

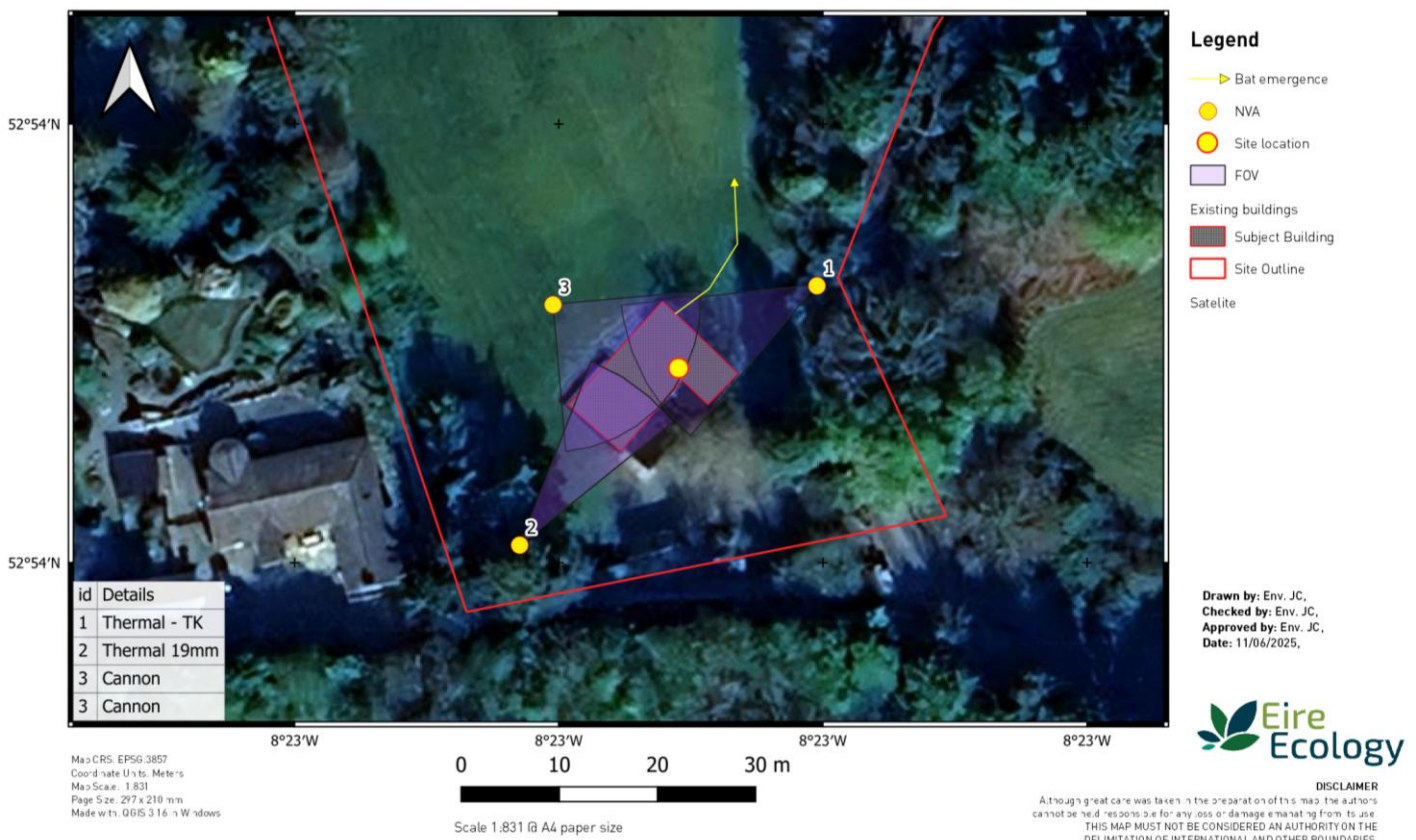


Figure 5-2: Positioning of NVA's and bat emergence location.



Plate 5-1: Cannon view



Plate 5-2: Thermal TK. Location of roost circled in red.



Plate 5-3: Thermal 19mm.

5.7 POPULATION SIZE CLASS ASSESSMENT

Following Figure 20 of (Marnell, 2022) provides information on the conservation significance of a roost. An Individual bat of a common species is towards the lowest conservation significance. (Roche, 2024) states there is a common pipistrelle population of approximately 1.9-4.2 million in the Republic of Ireland. Over the past 20 years there has been an estimated increase of 139.83% in the population.

6 EVIDENCE TO SUPPORT THE DEROGATION TESTS

6.1 TEST 1 – REASON FOR DEROGATION:

C. In the interests of public health and public safety, or for other imperative reasons of overriding public interest, including those of a social or economic nature and beneficial consequences of primary importance for the environment.

While the bat survey was carried out as a condition of planning (for the upgrade of the lodge building), the presence of a bat roost in the building has presented a mental health challenge to the daughter of the applicant. Diane's daughter, Ellie suffers from anxiety and is currently using medication to help with this condition. She has a fear of bats and the presence of a bat roost in the house is causing serious stress and anxiety and is refusing to return to the lodge. Accompanying the application is a letter from both Diane and Ellie testifying this case.

(Please redact all personal information)

It is well documented that Ireland mental health services are under pressure in Ireland with decades of underfunding. A report from the Mental Health Commission (2025) highlights serious gaps in emergency mental health services across the country, noting Emergency Departments remain ill-equipped to respond adequately to individuals experiencing a mental health crisis and “substantial delays” in accessing mental health assessments.

The creation of additional anxiety in my clients daughter can be viewed as an additional unnecessary strain on a health sector already under pressure.

6.2 TEST 2 – ABSENCE OF ALTERNATIVE SOLUTIONS

6.2.1 Do-nothing Solution

The do-nothing scenario, with leaving the bat roost in place will not resolve the issue of my clients, daughters' anxiety. In addition, the daughters anxiety on this issue is causing stress to the entire household.

6.2.2 Education

I have tried discussing the importance of bats with the client and the benefits of having bats in the locality. This has not succeeded in allaying her anxiety. The client has pointed out that they have already reduced the scope of their plans for the site thus leaving another roost found in a cabin to the south. A

previous derogation licence (DERBAT 2021-83) had been granted for the destruction of this roost however it will now be retained

6.2.3 Exclusion of roost and erection of bat boxes

It was decided that the best option is to recreate roosting space in public areas within the proposed development, in the form of bat boxes, considering that these can be a suitable replacement for small roosts like the one identified. These roosts can be monitored more easily and will be located along retained commuting habitat.

This option was explained to ./....., who states she can live with this option

6.3 IMPACTS OF A DEROGATION LICENCE ON CONSERVATION STATUS

6.3.1 Details of the population at the appropriate geographic scale and an evaluation of how the proposed activity will affect the conservation status both before and after mitigation measures have been applied.

A single Common Pipistrelle bat was found roosting in the lodge building. This roost can be considered a satellite roost towards the lowest scale of conservation significance as it contained a single common bat species. Numerous other Common Pipistrelles were noted flying within the site. A cabin located further north, within the site boundary had previously been found to contain a roost of 5-10 Soprano Pipistrelles. It is not uncommon to find these species sharing a roost structure. Trees with peeling bark was also noted as having bat roosting potential. The conservation status of the bats in this location is known as favourable by the NPWS.

Determination of impacts is derived with guidance from EPA 2022 Guidelines on the information to be contained in Environmental Impact Assessment Reports. Table 5-1 provides definitions of effect while table 5-2 provides an assessment of impacts prior to mitigation for bats recorded within the site.

6.3.1.1 Loss of Roosting Habitat

Assessment of Potential Impacts on Roosting Bats	A bat roost was found in a gap by a window in the lodge building. The roost was from a single common pipistrelle bat.
Characterisation of unmitigated effect	The development could result in harm to a bat species and the destruction of its roosting place.
Assessment of Importance prior to mitigation	This has the potential to have a low effect on a receptor of Local Importance (Low Value). The loss of a roost for a single bat, even without mitigation would have a negligible impact on the local bat population given the amount of other available roosting sites. As

	stated above the roost is deemed towards the lowest conservation significance based on (Marnell, 2022). Construction and demolition works on the roost while a bat was in-situ however could lead to injury or death to the bat. While this is unlikely to have a significant impact on the local Common Pipistrelle local population, it would be an unacceptable loss of life.
Mitigation	Regarding mitigation / compensation Figure 20 states there is “Flexibility over provision of bat boxes, access to new buildings etc. No conditions about timing or monitoring”. Based on the above it is proposed to; ▪ Apply for a derogation licence for the destruction of a roost ▪ Erect two Schwegler bat boxes on the treeline. Boxes should be erected at a minimum of 4m high facing south to south east, two on the same tree, on a stem without impeding branches and clear of ivy. ▪ Install a one way door over the bat roost entrance and block all other exits ▪ Leave for one week. ▪ Check crevice and once confirmed clear, block. ▪ Proceed with development.
Residual Effect following Mitigation	With the implementation of the prescribed mitigation measures, no significant residual effects are predicted as a result of the construction works.

6.3.1.2 Loss of Foraging and Commuting Habitat

Describing the Significance of Effects	No foraging or commuting impacts are expected.
Characterisation of unmitigated effect	None
Assessment of Importance prior to mitigation	Neutral
Mitigation	None
Residual Effect following Mitigation	None

6.3.1.3 Disturbance.

Describing the Significance of Effects	Lighting effects on feeding and commuting bats. Guidance on lighting has been based on Bats and artificial lighting in the UK, Guidance Note 08/18 (BCT, 2018), EUROBATS; <i>Guidelines for consideration of bats in lighting projects</i>. (Voigt, 2018) and BCI; Bats & Lighting document; (BCI, 2010). Lighting can alter the behaviour of bats and the insects they prey on. Night flying insects can be attracted to lights particularly sources that emit an ultraviolet component or have a high blue spectral content. Whilst some species of bat such as Leisler’s and Pipistrelle species can take advantage of this occurrence, other species such as Daubenton’s bat and brown long-eared avoid such areas. Lighting can create barriers for bat species both entering roosts and using commuting routes such as rivers, treelined roads and woodland edges.
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Characterisation of unmitigated effect	An increase of outdoor lighting could reduce the range of foraging behaviour within the site.
Assessment of Importance prior to mitigation	This is assessed as a long-term Significant effect on both a receptor of Local Importance (Lower Value).
Mitigation	Construction Where lighting is unavoidable during construction, low-intensity lighting and motion sensors will be used to limit illumination. Exterior lighting, during construction, will be designed to minimize light spillage, thus reducing the effect on areas outside the proposed development, and consequently on bats i.e. Lighting will be directed away from mature trees/treelines around the periphery of the site boundary and woodland areas to minimize disturbance to bats. Directional accessories will be used to direct light away from these features, e.g. through the use of light shields (Stone, 2013). The luminaries will be of the type that prevent upward spillage of light and minimize horizontal spillage away from the intended lands. Operation <i>Lighting</i> A single outdoor light will be installed above the front door. ▪ This light will have a colour temperature of 2700K thus less attractive to invertebrates. ▪ This light will be directional, facing down and have no upwards tilt. ▪ The light will have a motion sensor thus only on for the minimum required time
Residual Effect following Mitigation	No significant residual effects on are expected at a county, national or international level.

Following guidance outlined in (Marnell, 2022), the proposed mitigation is appropriate based on the conservation status of the roost.

7 MONITORING THE IMPACTS OF THE DEROGATIONS

Mitigation measures will involve the presence of a licenced bat worker placing a one-way door over the roost entrance. At this time bat boxes will be erected in the treeline located to the north-east. The surveyor will come back in a week to ten days and inspect the roost using an endoscope to ensure the roost is empty before closing.

Once construction is complete photos will be taken of the site showing that only one outdoor light has been installed and that it functions as stated in 6.3.1.3. Based on the significance of this roost no further monitoring is necessary, with a final report submitted to the NPWS at this point.

APPENDIX A – BAT DETECTOR RECORDINGS

South east Veranda detector			
IN FILE	DATE	TIME	Species
NoID_20250529_214803.wav	29/05/2025	21:48:03	Soprano Pipistrelle
NoID_20250529_215648.wav	29/05/2025	21:56:48	Soprano Pipistrelle
PIPPIP_20250529_215738.wav	29/05/2025	21:57:38	Common Pipistrelle
PIPPIP_20250529_215835.wav	29/05/2025	21:58:35	Common Pipistrelle
PIPPIP_20250529_220004.wav	29/05/2025	22:00:04	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_220018.wav	29/05/2025	22:00:18	Soprano Pipistrelle
PIPPYG_20250529_220212.wav	29/05/2025	22:02:12	Soprano Pipistrelle
PIPPIP_20250529_220222.wav	29/05/2025	22:02:22	Common Pipistrelle
PIPPIP_20250529_220316.wav	29/05/2025	22:03:16	Common Pipistrelle
PIPPIP_20250529_220357.wav	29/05/2025	22:03:57	Common Pipistrelle
PIPPYG_20250529_220443.wav	29/05/2025	22:04:43	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_220514.wav	29/05/2025	22:05:14	Common Pipistrelle
PIPPIP_20250529_220720.wav	29/05/2025	22:07:20	Common Pipistrelle
PIPPIP_20250529_220727.wav	29/05/2025	22:07:27	Common Pipistrelle
PIPPIP_20250529_220938.wav	29/05/2025	22:09:38	Common Pipistrelle
PIPPYG_20250529_220953.wav	29/05/2025	22:09:53	Soprano Pipistrelle
PIPPIP_20250529_221208.wav	29/05/2025	22:12:08	Common Pipistrelle
PIPPIP_20250529_221312.wav	29/05/2025	22:13:12	Common Pipistrelle
PIPPYG_20250529_221323.wav	29/05/2025	22:13:23	Common Pipistrelle
PIPPYG_20250529_221521.wav	29/05/2025	22:15:21	Soprano Pipistrelle
PIPPIP_20250529_221535.wav	29/05/2025	22:15:35	Common Pipistrelle
PIPPIP_20250529_221628.wav	29/05/2025	22:16:28	Common Pipistrelle
PIPPIP_20250529_221729.wav	29/05/2025	22:17:29	Common Pipistrelle
PIPPIP_20250529_221754.wav	29/05/2025	22:17:54	Common Pipistrelle
PIPPYG_20250529_221839.wav	29/05/2025	22:18:39	Soprano Pipistrelle
PIPPYG_20250529_222106.wav	29/05/2025	22:21:06	Soprano Pipistrelle
PIPPYG_20250529_222302.wav	29/05/2025	22:23:02	Soprano Pipistrelle
PIPPYG_20250529_222307.wav	29/05/2025	22:23:07	Soprano Pipistrelle
PIPPYG_20250529_222420.wav	29/05/2025	22:24:20	Soprano Pipistrelle
PIPPYG_20250529_222516.wav	29/05/2025	22:25:16	Soprano Pipistrelle
NYCLEI_20250529_222527.wav	29/05/2025	22:25:27	Leisler's
PIPPYG_20250529_222557.wav	29/05/2025	22:25:57	Soprano Pipistrelle
PIPPYG_20250529_222701.wav	29/05/2025	22:27:01	Soprano Pipistrelle
PIPPYG_20250529_222726.wav	29/05/2025	22:27:26	Soprano Pipistrelle
PIPPYG_20250529_222739.wav	29/05/2025	22:27:39	Soprano Pipistrelle
PIPPYG_20250529_222751.wav	29/05/2025	22:27:51	Soprano Pipistrelle
PIPPYG_20250529_222759.wav	29/05/2025	22:27:59	Soprano Pipistrelle
PIPPYG_20250529_222809.wav	29/05/2025	22:28:09	Soprano Pipistrelle
PIPPYG_20250529_222826.wav	29/05/2025	22:28:26	Soprano Pipistrelle
PIPPYG_20250529_222838.wav	29/05/2025	22:28:38	Soprano Pipistrelle
PIPPYG_20250529_222852.wav	29/05/2025	22:28:52	Soprano Pipistrelle
PIPPYG_20250529_222903.wav	29/05/2025	22:29:03	Soprano Pipistrelle
PIPPYG_20250529_222919.wav	29/05/2025	22:29:19	Soprano Pipistrelle
PIPPYG_20250529_222929.wav	29/05/2025	22:29:29	Soprano Pipistrelle
PIPPYG_20250529_222952.wav	29/05/2025	22:29:52	Soprano Pipistrelle
PIPPYG_20250529_223026.wav	29/05/2025	22:30:26	Soprano Pipistrelle
PIPPYG_20250529_223034.wav	29/05/2025	22:30:34	Soprano Pipistrelle
PIPPYG_20250529_223043.wav	29/05/2025	22:30:43	Soprano Pipistrelle

South east Veranda detector			
IN FILE	DATE	TIME	Species
PIPPYG_20250529_223153.wav	29/05/2025	22:31:53	Soprano Pipistrelle
PIPPYG_20250529_223227.wav	29/05/2025	22:32:27	Soprano Pipistrelle
PIPPYG_20250529_223311.wav	29/05/2025	22:33:11	Common Pipistrelle
PIPPYG_20250529_223344.wav	29/05/2025	22:33:44	Soprano Pipistrelle
PIPPIP_20250529_223451.wav	29/05/2025	22:34:51	Common Pipistrelle
PIPPIP_20250529_223504.wav	29/05/2025	22:35:04	Common Pipistrelle
PIPPYG_20250529_223542.wav	29/05/2025	22:35:42	Common Pipistrelle Soprano Pipistrelle
NYCLEI_20250529_223728.wav	29/05/2025	22:37:28	Leisler's
PIPPIP_20250529_223816.wav	29/05/2025	22:38:16	Common Pipistrelle
PIPPYG_20250529_223931.wav	29/05/2025	22:39:31	Common Pipistrelle
PIPPYG_20250529_223949.wav	29/05/2025	22:39:49	Soprano Pipistrelle
PIPPYG_20250529_223955.wav	29/05/2025	22:39:55	Soprano Pipistrelle
PIPPIP_20250529_224022.wav	29/05/2025	22:40:22	Common Pipistrelle
PIPPYG_20250529_224032.wav	29/05/2025	22:40:32	Soprano Pipistrelle
PIPPYG_20250529_224047.wav	29/05/2025	22:40:47	Soprano Pipistrelle
PIPPYG_20250529_224154.wav	29/05/2025	22:41:54	Soprano Pipistrelle
PIPPYG_20250529_224159.wav	29/05/2025	22:41:59	Soprano Pipistrelle
PIPPYG_20250529_224206.wav	29/05/2025	22:42:06	Soprano Pipistrelle
PIPPIP_20250529_224211.wav	29/05/2025	22:42:11	Common Pipistrelle
PIPPIP_20250529_224230.wav	29/05/2025	22:42:30	Common Pipistrelle
PIPPYG_20250529_224307.wav	29/05/2025	22:43:07	Soprano Pipistrelle
PIPPYG_20250529_224318.wav	29/05/2025	22:43:18	Soprano Pipistrelle
PIPPYG_20250529_224327.wav	29/05/2025	22:43:27	Soprano Pipistrelle
PIPPIP_20250529_224429.wav	29/05/2025	22:44:29	Common Pipistrelle
PIPPYG_20250529_224510.wav	29/05/2025	22:45:10	Soprano Pipistrelle
NYCLEI_20250529_224523.wav	29/05/2025	22:45:23	Leisler's
PIPPYG_20250529_224540.wav	29/05/2025	22:45:40	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_224623.wav	29/05/2025	22:46:23	Common Pipistrelle Soprano Pipistrelle
NYCLEI_20250529_224709.wav	29/05/2025	22:47:09	Leisler's Common Pipistrelle
PIPPYG_20250529_224730.wav	29/05/2025	22:47:30	Soprano Pipistrelle
PIPPYG_20250529_224752.wav	29/05/2025	22:47:52	Soprano Pipistrelle
PIPPYG_20250529_224759.wav	29/05/2025	22:47:59	Soprano Pipistrelle
PIPPIP_20250529_224821.wav	29/05/2025	22:48:21	Common Pipistrelle
PIPPIP_20250529_224903.wav	29/05/2025	22:49:03	Common Pipistrelle
PIPPIP_20250529_224918.wav	29/05/2025	22:49:18	Common Pipistrelle
PIPPYG_20250529_224941.wav	29/05/2025	22:49:41	Common Pipistrelle
PIPPIP_20250529_225006.wav	29/05/2025	22:50:06	Common Pipistrelle
PIPPIP_20250529_225014.wav	29/05/2025	22:50:14	Common Pipistrelle
PIPPYG_20250529_225025.wav	29/05/2025	22:50:25	Soprano Pipistrelle
PIPPIP_20250529_225030.wav	29/05/2025	22:50:30	Leisler's Common Pipistrelle
PIPPYG_20250529_225059.wav	29/05/2025	22:50:59	Soprano Pipistrelle
PIPPIP_20250529_225126.wav	29/05/2025	22:51:26	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_225141.wav	29/05/2025	22:51:41	Common Pipistrelle
PIPPYG_20250529_225209.wav	29/05/2025	22:52:09	Soprano Pipistrelle
PIPPIP_20250529_225216.wav	29/05/2025	22:52:16	Common Pipistrelle
PIPPIP_20250529_225333.wav	29/05/2025	22:53:33	Common Pipistrelle
NoID_20250529_225341.wav	29/05/2025	22:53:41	Soprano Pipistrelle
NoID_20250529_225351.wav	29/05/2025	22:53:51	Common Pipistrelle
PIPPYG_20250529_225357.wav	29/05/2025	22:53:57	Soprano Pipistrelle
PIPPYG_20250529_225407.wav	29/05/2025	22:54:07	Soprano Pipistrelle
PIPPYG_20250529_225420.wav	29/05/2025	22:54:20	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_225427.wav	29/05/2025	22:54:27	Soprano Pipistrelle
NoID_20250529_225432.wav	29/05/2025	22:54:32	Soprano Pipistrelle

South east Veranda detector			
IN FILE	DATE	TIME	Species
PIPPYG_20250529_225447.wav	29/05/2025	22:54:47	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_225538.wav	29/05/2025	22:55:38	Soprano Pipistrelle
PIPPIP_20250529_225555.wav	29/05/2025	22:55:55	Common Pipistrelle
PIPPIP_20250529_225605.wav	29/05/2025	22:56:05	Common Pipistrelle
PIPPIP_20250529_225613.wav	29/05/2025	22:56:13	Common Pipistrelle
PIPPYG_20250529_225635.wav	29/05/2025	22:56:35	Soprano Pipistrelle
PIPPYG_20250529_225643.wav	29/05/2025	22:56:43	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_225657.wav	29/05/2025	22:56:57	Common Pipistrelle
PIPPIP_20250529_225703.wav	29/05/2025	22:57:03	Common Pipistrelle
PIPPYG_20250529_225733.wav	29/05/2025	22:57:33	Soprano Pipistrelle
PIPPIP_20250529_225802.wav	29/05/2025	22:58:02	Common Pipistrelle
PIPPIP_20250529_225820.wav	29/05/2025	22:58:20	Common Pipistrelle
NYCLEI_20250529_225909.wav	29/05/2025	22:59:09	Leisler's
NYCLEI_20250529_230014.wav	29/05/2025	23:00:14	Leisler's
NYCLEI_20250529_230102.wav	29/05/2025	23:01:02	Leisler's Soprano Pipistrelle
PIPPIP_20250529_230129.wav	29/05/2025	23:01:29	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_230144.wav	29/05/2025	23:01:44	Common Pipistrelle
PIPPYG_20250529_230155.wav	29/05/2025	23:01:55	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_230235.wav	29/05/2025	23:02:35	Soprano Pipistrelle
PIPPYG_20250529_230255.wav	29/05/2025	23:02:55	Soprano Pipistrelle
PIPPIP_20250529_230310.wav	29/05/2025	23:03:10	Common Pipistrelle Soprano Pipistrelle
NoID_20250529_230318.wav	29/05/2025	23:03:18	Soprano Pipistrelle
PIPPYG_20250529_230325.wav	29/05/2025	23:03:25	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_230331.wav	29/05/2025	23:03:31	Soprano Pipistrelle
NoID_20250529_230352.wav	29/05/2025	23:03:52	Soprano Pipistrelle
PIPPYG_20250529_230410.wav	29/05/2025	23:04:10	Soprano Pipistrelle
PIPPIP_20250529_230444.wav	29/05/2025	23:04:44	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_230555.wav	29/05/2025	23:05:55	Soprano Pipistrelle
NYCLEI_20250529_230620.wav	29/05/2025	23:06:20	Leisler's Common Pipistrelle
PIPPYG_20250529_230655.wav	29/05/2025	23:06:55	Soprano Pipistrelle
PIPPYG_20250529_230714.wav	29/05/2025	23:07:14	Soprano Pipistrelle
PIPPYG_20250529_230750.wav	29/05/2025	23:07:50	Common Pipistrelle
PIPPIP_20250529_230803.wav	29/05/2025	23:08:03	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_230834.wav	29/05/2025	23:08:34	Soprano Pipistrelle
PIPPIP_20250529_230858.wav	29/05/2025	23:08:58	Unidentified Myotis Common Pipistrelle
MYODAU_20250529_230913.wav	29/05/2025	23:09:13	Leisler's Unidentified Myotis
PIPPIP_20250529_230926.wav	29/05/2025	23:09:26	Unidentified Myotis Common Pipistrelle
MYODAU_20250529_230938.wav	29/05/2025	23:09:38	Unidentified Myotis
PIPPYG_20250529_231029.wav	29/05/2025	23:10:29	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_231112.wav	29/05/2025	23:11:12	Soprano Pipistrelle
PIPPIP_20250529_231142.wav	29/05/2025	23:11:42	Common Pipistrelle
PIPPYG_20250529_231159.wav	29/05/2025	23:11:59	Soprano Pipistrelle
PIPPYG_20250529_231231.wav	29/05/2025	23:12:31	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_231246.wav	29/05/2025	23:12:46	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_231307.wav	29/05/2025	23:13:07	Soprano Pipistrelle
PIPPIP_20250529_231321.wav	29/05/2025	23:13:21	Common Pipistrelle Soprano Pipistrelle
NYCLEI_20250529_231338.wav	29/05/2025	23:13:38	Leisler's Soprano Pipistrelle
PIPPYG_20250529_231350.wav	29/05/2025	23:13:50	Soprano Pipistrelle
PIPPIP_20250529_231358.wav	29/05/2025	23:13:58	Common Pipistrelle
PIPPIP_20250529_231423.wav	29/05/2025	23:14:23	Common Pipistrelle
PIPPIP_20250529_231501.wav	29/05/2025	23:15:01	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_231521.wav	29/05/2025	23:15:21	Soprano Pipistrelle
PIPPIP_20250529_231551.wav	29/05/2025	23:15:51	Common Pipistrelle Soprano Pipistrelle

South east Veranda detector			
IN FILE	DATE	TIME	Species
PIPPIP_20250529_231617.wav	29/05/2025	23:16:17	Common Pipistrelle
PIPPIP_20250529_231723.wav	29/05/2025	23:17:23	Common Pipistrelle
NYCLEI_20250529_231816.wav	29/05/2025	23:18:16	Leisler's Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_231833.wav	29/05/2025	23:18:33	Common Pipistrelle
NYCLEI_20250529_231840.wav	29/05/2025	23:18:40	Leisler's Common Pipistrelle
PIPPYG_20250529_231901.wav	29/05/2025	23:19:01	Common Pipistrelle
PIPPYG_20250529_231927.wav	29/05/2025	23:19:27	Common Pipistrelle Soprano Pipistrelle
NYCLEI_20250529_232003.wav	29/05/2025	23:20:03	Leisler's
NYCLEI_20250529_232025.wav	29/05/2025	23:20:25	Leisler's Soprano Pipistrelle
PIPPYG_20250529_232033.wav	29/05/2025	23:20:33	Soprano Pipistrelle
PIPPIP_20250529_232038.wav	29/05/2025	23:20:38	Common Pipistrelle
NYCLEI_20250529_232107.wav	29/05/2025	23:21:07	Leisler's Soprano Pipistrelle
PIPPYG_20250529_232130.wav	29/05/2025	23:21:30	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_232156.wav	29/05/2025	23:21:56	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_232206.wav	29/05/2025	23:22:06	Common Pipistrelle
PIPPYG_20250529_232214.wav	29/05/2025	23:22:14	Soprano Pipistrelle
PIPPYG_20250529_232229.wav	29/05/2025	23:22:29	Soprano Pipistrelle
PIPPIP_20250529_232303.wav	29/05/2025	23:23:03	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_232319.wav	29/05/2025	23:23:19	Soprano Pipistrelle
PIPPYG_20250529_232333.wav	29/05/2025	23:23:33	Soprano Pipistrelle
PIPPIP_20250529_232342.wav	29/05/2025	23:23:42	Common Pipistrelle
PIPPYG_20250529_232409.wav	29/05/2025	23:24:09	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_232442.wav	29/05/2025	23:24:42	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_232536.wav	29/05/2025	23:25:36	Common Pipistrelle
PIPPYG_20250529_232553.wav	29/05/2025	23:25:53	Soprano Pipistrelle
PIPPIP_20250529_232647.wav	29/05/2025	23:26:47	Common Pipistrelle
PIPPYG_20250529_232709.wav	29/05/2025	23:27:09	Common Pipistrelle
PIPPYG_20250529_232714.wav	29/05/2025	23:27:14	Soprano Pipistrelle
PIPPIP_20250529_232749.wav	29/05/2025	23:27:49	Common Pipistrelle
NYCLEI_20250529_232801.wav	29/05/2025	23:28:01	Leisler's Common Pipistrelle
PIPPYG_20250529_232929.wav	29/05/2025	23:29:29	Leisler's Soprano Pipistrelle
NYCLEI_20250529_232935.wav	29/05/2025	23:29:35	Leisler's Common Pipistrelle
NYCLEI_20250529_233015.wav	29/05/2025	23:30:15	Leisler's
NYCLEI_20250529_233028.wav	29/05/2025	23:30:28	Leisler's Common Pipistrelle
NYCLEI_20250529_233043.wav	29/05/2025	23:30:43	Leisler's
PIPPYG_20250529_233102.wav	29/05/2025	23:31:02	Soprano Pipistrelle
PIPPIP_20250529_233205.wav	29/05/2025	23:32:05	Common Pipistrelle
PIPPYG_20250529_233225.wav	29/05/2025	23:32:25	Soprano Pipistrelle
PIPPIP_20250529_233241.wav	29/05/2025	23:32:41	Common Pipistrelle
MYODAU_20250529_233252.wav	29/05/2025	23:32:52	Unidentified Myotis
MYODAU_20250529_233309.wav	29/05/2025	23:33:09	Unidentified Myotis
PIPPIP_20250529_233332.wav	29/05/2025	23:33:32	Common Pipistrelle
PIPPIP_20250529_233343.wav	29/05/2025	23:33:43	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_233359.wav	29/05/2025	23:33:59	Common Pipistrelle
PIPPYG_20250529_233429.wav	29/05/2025	23:34:29	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_233457.wav	29/05/2025	23:34:57	Common Pipistrelle Soprano Pipistrelle
NoID_20250529_233508.wav	29/05/2025	23:35:08	Soprano Pipistrelle
PIPPIP_20250529_233515.wav	29/05/2025	23:35:15	Common Pipistrelle
PIPPYG_20250529_233546.wav	29/05/2025	23:35:46	Soprano Pipistrelle
NYCLEI_20250529_233554.wav	29/05/2025	23:35:54	Leisler's Common Pipistrelle
PIPPIP_20250529_233651.wav	29/05/2025	23:36:51	Common Pipistrelle
PIPPYG_20250529_233824.wav	29/05/2025	23:38:24	Soprano Pipistrelle
PIPPYG_20250529_233854.wav	29/05/2025	23:38:54	Soprano Pipistrelle

South east Veranda detector			
IN FILE	DATE	TIME	Species
PIPPIP_20250529_233935.wav	29/05/2025	23:39:35	Common Pipistrelle
PIPPIP_20250529_234013.wav	29/05/2025	23:40:13	Common Pipistrelle
PIPPIP_20250529_234033.wav	29/05/2025	23:40:33	Common Pipistrelle
PIPPYG_20250529_234040.wav	29/05/2025	23:40:40	Soprano Pipistrelle
PIPPYG_20250529_234124.wav	29/05/2025	23:41:24	Common Pipistrelle
PIPPYG_20250529_234140.wav	29/05/2025	23:41:40	Common Pipistrelle
PIPPYG_20250529_234149.wav	29/05/2025	23:41:49	Soprano Pipistrelle
PIPPIP_20250529_234219.wav	29/05/2025	23:42:19	Common Pipistrelle
PIPPYG_20250529_234229.wav	29/05/2025	23:42:29	Soprano Pipistrelle
PIPPYG_20250529_234255.wav	29/05/2025	23:42:55	Soprano Pipistrelle
PIPPYG_20250529_234310.wav	29/05/2025	23:43:10	Soprano Pipistrelle
PIPPYG_20250529_234341.wav	29/05/2025	23:43:41	Soprano Pipistrelle
PIPPYG_20250529_234351.wav	29/05/2025	23:43:51	Common Pipistrelle Soprano Pipistrelle
PIPPYG_20250529_234446.wav	29/05/2025	23:44:46	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_234457.wav	29/05/2025	23:44:57	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_234510.wav	29/05/2025	23:45:10	Common Pipistrelle
PIPPYG_20250529_234534.wav	29/05/2025	23:45:34	Soprano Pipistrelle
PIPPYG_20250529_234612.wav	29/05/2025	23:46:12	Soprano Pipistrelle
PIPPIP_20250529_234627.wav	29/05/2025	23:46:27	Common Pipistrelle
PIPPIP_20250529_234633.wav	29/05/2025	23:46:33	Common Pipistrelle
PIPPIP_20250529_234658.wav	29/05/2025	23:46:58	Common Pipistrelle Soprano Pipistrelle

North of lodge by Cannon			
IN FILE	DATE	TIME	Species
PIPPYG_20250529_214858.wav	29/05/2025	21:48:58	Soprano Pipistrelle
PIPPYG_20250529_215028.wav	29/05/2025	21:50:28	Soprano Pipistrelle
PIPPYG_20250529_215048.wav	29/05/2025	21:50:48	Soprano Pipistrelle
PIPPIP_20250529_215117.wav	29/05/2025	21:51:17	Common Pipistrelle
NYCLEI_20250529_215154.wav	29/05/2025	21:51:54	Leisler's
NYCLEI_20250529_215201.wav	29/05/2025	21:52:01	Leisler's
NYCLEI_20250529_215212.wav	29/05/2025	21:52:12	Leisler's Soprano Pipistrelle
NYCLEI_20250529_215242.wav	29/05/2025	21:52:42	Leisler's
PIPPIP_20250529_215553.wav	29/05/2025	21:55:53	Common Pipistrelle
PIPPYG_20250529_215705.wav	29/05/2025	21:57:05	Soprano Pipistrelle
NoID_20250529_215719.wav	29/05/2025	21:57:19	Soprano Pipistrelle
PIPPIP_20250529_215819.wav	29/05/2025	21:58:19	Common Pipistrelle
PIPPYG_20250529_215839.wav	29/05/2025	21:58:39	Soprano Pipistrelle
PIPPIP_20250529_215913.wav	29/05/2025	21:59:13	Common Pipistrelle
PIPPIP_20250529_215917.wav	29/05/2025	21:59:17	Common Pipistrelle
PIPPYG_20250529_215928.wav	29/05/2025	21:59:28	Soprano Pipistrelle
PIPPIP_20250529_220025.wav	29/05/2025	22:00:25	Common Pipistrelle
PIPPYG_20250529_220055.wav	29/05/2025	22:00:55	Soprano Pipistrelle
PIPPYG_20250529_220105.wav	29/05/2025	22:01:05	Soprano Pipistrelle
PIPPYG_20250529_220236.wav	29/05/2025	22:02:36	Soprano Pipistrelle
PIPPIP_20250529_220250.wav	29/05/2025	22:02:50	Common Pipistrelle Soprano Pipistrelle
PIPPIP_20250529_220259.wav	29/05/2025	22:02:59	Common Pipistrelle
PIPPYG_20250529_220335.wav	29/05/2025	22:03:35	Soprano Pipistrelle
PIPPIP_20250529_220453.wav	29/05/2025	22:04:53	Common Pipistrelle
NoID_20250529_220513.wav	29/05/2025	22:05:13	Common Pipistrelle
PIPPIP_20250529_220603.wav	29/05/2025	22:06:03	Common Pipistrelle Soprano Pipistrelle

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IN FILE	DATE	TIME	Species
PIPPYG_20250529_220617.wav	29/05/2025	22:06:17	Soprano Pipistrelle
PIPPIP_20250529_220644.wav	29/05/2025	22:06:44	Soprano Pipistrelle
PIPPYG_20250529_220732.wav	29/05/2025	22:07:32	Soprano Pipistrelle
PIPPYG_20250529_220758.wav	29/05/2025	22:07:58	Soprano Pipistrelle
PIPPYG_20250529_220932.wav	29/05/2025	22:09:32	Soprano Pipistrelle
PIPPIP_20250529_221004.wav	29/05/2025	22:10:04	Soprano Pipistrelle
			Common Pipistrelle Soprano
PIPPIP_20250529_221014.wav	29/05/2025	22:10:13	Pipistrelle
NoID_20250529_221023.wav	29/05/2025	22:10:23	Soprano Pipistrelle
NoID_20250529_221230.wav	29/05/2025	22:12:30	Soprano Pipistrelle
NoID_20250529_221236.wav	29/05/2025	22:12:36	Soprano Pipistrelle
PIPPIP_20250529_221313.wav	29/05/2025	22:13:13	Soprano Pipistrelle
PIPPYG_20250529_221418.wav	29/05/2025	22:14:18	Soprano Pipistrelle
PIPPYG_20250529_221429.wav	29/05/2025	22:14:29	Soprano Pipistrelle
PIPPIP_20250529_221436.wav	29/05/2025	22:14:36	Common Pipistrelle
PIPPIP_20250529_221552.wav	29/05/2025	22:15:52	Common Pipistrelle
PIPPIP_20250529_221604.wav	29/05/2025	22:16:04	Common Pipistrelle
PIPPYG_20250529_221713.wav	29/05/2025	22:17:13	Soprano Pipistrelle
PIPPYG_20250529_221719.wav	29/05/2025	22:17:19	Soprano Pipistrelle
PIPPYG_20250529_221815.wav	29/05/2025	22:18:15	Soprano Pipistrelle
NoID_20250529_221846.wav	29/05/2025	22:18:46	Soprano Pipistrelle
			Common Pipistrelle Soprano
PIPPIP_20250529_221916.wav	29/05/2025	22:19:16	Pipistrelle
NoID_20250529_222037.wav	29/05/2025	22:20:37	Soprano Pipistrelle
PIPPIP_20250529_222043.wav	29/05/2025	22:20:43	Common Pipistrelle
PIPPYG_20250529_222122.wav	29/05/2025	22:21:22	Soprano Pipistrelle
PIPPYG_20250529_222129.wav	29/05/2025	22:21:29	Soprano Pipistrelle
PIPPYG_20250529_222313.wav	29/05/2025	22:23:13	Soprano Pipistrelle
PIPPYG_20250529_222446.wav	29/05/2025	22:24:46	Soprano Pipistrelle
PIPPYG_20250529_222454.wav	29/05/2025	22:24:54	Soprano Pipistrelle
PIPPIP_20250529_222524.wav	29/05/2025	22:25:24	Common Pipistrelle
PIPPIP_20250529_222558.wav	29/05/2025	22:25:58	Common Pipistrelle
PIPPYG_20250529_222607.wav	29/05/2025	22:26:07	Soprano Pipistrelle
PIPPIP_20250529_222645.wav	29/05/2025	22:26:45	Soprano Pipistrelle
NYCLEI_20250529_222809.wav	29/05/2025	22:28:09	Leisler's
PIPPYG_20250529_223019.wav	29/05/2025	22:30:19	Soprano Pipistrelle
PIPPYG_20250529_223036.wav	29/05/2025	22:30:36	Soprano Pipistrelle
NoID_20250529_223100.wav	29/05/2025	22:31:00	Soprano Pipistrelle
PIPPYG_20250529_223104.wav	29/05/2025	22:31:04	Soprano Pipistrelle
PIPPYG_20250529_223111.wav	29/05/2025	22:31:11	Soprano Pipistrelle
PIPPYG_20250529_223210.wav	29/05/2025	22:32:10	Soprano Pipistrelle
PIPPYG_20250529_223222.wav	29/05/2025	22:32:22	Soprano Pipistrelle
PIPPYG_20250529_223233.wav	29/05/2025	22:32:33	Soprano Pipistrelle
PIPPYG_20250529_223244.wav	29/05/2025	22:32:44	Soprano Pipistrelle
PIPPYG_20250529_223516.wav	29/05/2025	22:35:16	Soprano Pipistrelle
PIPPYG_20250529_223521.wav	29/05/2025	22:35:21	Soprano Pipistrelle
PIPPYG_20250529_223614.wav	29/05/2025	22:36:14	Soprano Pipistrelle
PIPPYG_20250529_223634.wav	29/05/2025	22:36:34	Soprano Pipistrelle
NoID_20250529_223714.wav	29/05/2025	22:37:14	Soprano Pipistrelle
PIPPIP_20250529_223748.wav	29/05/2025	22:37:48	Common Pipistrelle
PIPPYG_20250529_223824.wav	29/05/2025	22:38:24	Soprano Pipistrelle
PIPPYG_20250529_223828.wav	29/05/2025	22:38:28	Soprano Pipistrelle
PIPPYG_20250529_223833.wav	29/05/2025	22:38:33	Soprano Pipistrelle

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IN FILE	DATE	TIME	Species
PIPPYG_20250529_224022.wav	29/05/2025	22:40:22	Soprano Pipistrelle
PIPPIP_20250529_224106.wav	29/05/2025	22:41:06	Common Pipistrelle
PIPPYG_20250529_224212.wav	29/05/2025	22:42:12	Soprano Pipistrelle
PIPPYG_20250529_224228.wav	29/05/2025	22:42:28	Soprano Pipistrelle
PIPPYG_20250529_224244.wav	29/05/2025	22:42:44	Soprano Pipistrelle
PIPPYG_20250529_224255.wav	29/05/2025	22:42:55	Soprano Pipistrelle
PIPPIP_20250529_224303.wav	29/05/2025	22:43:03	Common Pipistrelle
NoID_20250529_224316.wav	29/05/2025	22:43:16	Soprano Pipistrelle
PIPPYG_20250529_224324.wav	29/05/2025	22:43:24	Soprano Pipistrelle
PIPPYG_20250529_224329.wav	29/05/2025	22:43:29	Soprano Pipistrelle
PIPPYG_20250529_224426.wav	29/05/2025	22:44:26	Soprano Pipistrelle
PIPPIP_20250529_224505.wav	29/05/2025	22:45:05	Common Pipistrelle
PIPPIP_20250529_224512.wav	29/05/2025	22:45:12	Common Pipistrelle
PIPPYG_20250529_224546.wav	29/05/2025	22:45:46	Soprano Pipistrelle
PIPPYG_20250529_224618.wav	29/05/2025	22:46:18	Soprano Pipistrelle
NYCLEI_20250529_224712.wav	29/05/2025	22:47:12	Leisler's
PIPPIP_20250529_224716.wav	29/05/2025	22:47:16	Common Pipistrelle
MYODAU_20250529_224729.wav	29/05/2025	22:47:29	Unidentified Myotis
PIPPYG_20250529_224822.wav	29/05/2025	22:48:22	Soprano Pipistrelle
PIPPYG_20250529_224829.wav	29/05/2025	22:48:29	Soprano Pipistrelle
PIPPIP_20250529_224848.wav	29/05/2025	22:48:48	Common Pipistrelle
PIPPYG_20250529_224909.wav	29/05/2025	22:49:09	Soprano Pipistrelle
NYCLEI_20250529_224956.wav	29/05/2025	22:49:56	Leisler's Common Pipistrelle
PIPPYG_20250529_225013.wav	29/05/2025	22:50:13	Soprano Pipistrelle
PIPPYG_20250529_225042.wav	29/05/2025	22:50:42	Soprano Pipistrelle
PIPPIP_20250529_225104.wav	29/05/2025	22:51:04	Common Pipistrelle
PIPPYG_20250529_225120.wav	29/05/2025	22:51:20	Soprano Pipistrelle
PIPPIP_20250529_225142.wav	29/05/2025	22:51:42	Common Pipistrelle
PIPPIP_20250529_225158.wav	29/05/2025	22:51:58	Common Pipistrelle
PIPPYG_20250529_225221.wav	29/05/2025	22:52:21	Soprano Pipistrelle
PIPPIP_20250529_225249.wav	29/05/2025	22:52:49	Common Pipistrelle
PIPPIP_20250529_225254.wav	29/05/2025	22:52:54	Common Pipistrelle
			Common Pipistrelle Soprano
PIPPYG_20250529_225303.wav	29/05/2025	22:53:03	Pipistrelle
NYCLEI_20250529_225317.wav	29/05/2025	22:53:17	Leisler's
PIPPYG_20250529_225345.wav	29/05/2025	22:53:45	Soprano Pipistrelle
PIPPIP_20250529_225405.wav	29/05/2025	22:54:05	Common Pipistrelle
PIPPIP_20250529_225411.wav	29/05/2025	22:54:11	Common Pipistrelle
PIPPYG_20250529_225417.wav	29/05/2025	22:54:17	Soprano Pipistrelle
PIPPIP_20250529_225423.wav	29/05/2025	22:54:23	Common Pipistrelle