

Cyfoeth Naturiol Cymru  
Natural Resources Wales  
Ecological Compliance Audit

Species: Bats

**A. Licensing - No EPS Development License was required for the development to proceed. This is a truncated version of the ECA because of this.**

|                                                      |                                                                     |                                                        |                                                           |
|------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|
| Natural Resources Wales<br>licence reference number: | n/a                                                                 | Site name and location:                                | The Boat Inn, Erbistock,<br>Wrexham                       |
|                                                      |                                                                     | Site grid reference:                                   | SJ 35507 41319                                            |
| Name of licence holder:                              | n/a                                                                 | Name of developer if different<br>from licence holder: | Mr Graham Price                                           |
| Name of Licence Ecologist and<br>Organization:       | Mick Smith, Wildbanks<br>Conservation.<br><br>License no. S086034/1 | Planning Permission Condition                          | Yes<br><br>If yes: Application No:<br><br>ERB P/2019/0187 |

|                                                        |                                                                  |                                        |                                                                                                                                                                                                                   |
|--------------------------------------------------------|------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name and Organization of Ecological Compliance Auditor | Mick Smith, Wildbanks Conservation.<br><br>License no. S086034/1 | Type Of Audit                          | <input type="checkbox"/> Internal<br><input checked="" type="checkbox"/> External<br><input type="checkbox"/> Combination of Internal and External<br>=====<br><input type="checkbox"/> Ecological Clerk of Works |
| Number of Ecological Compliance Audits (ECA')          | 1                                                                | Intervals between Audits               | <input type="checkbox"/> 3 Months<br><input type="checkbox"/> 4 Months<br><input type="checkbox"/> 6 Months<br><input checked="" type="checkbox"/> Other                                                          |
| Date licence issued (dd/mm/yy):                        | Date licence expired:                                            | Licence implemented between (dd/mm/yy) |                                                                                                                                                                                                                   |
| N/A                                                    |                                                                  | From:                                  | To:                                                                                                                                                                                                               |
| Amendment 1                                            |                                                                  |                                        |                                                                                                                                                                                                                   |
| Amendment 2                                            |                                                                  |                                        |                                                                                                                                                                                                                   |

## B. Schedule of Ecological Compliance Audit Completion and Dissemination

| Audit Number | Date Completed | Date Issued to Licence Holder | Date Issued to NRW/Other                    |
|--------------|----------------|-------------------------------|---------------------------------------------|
| 1            | 26/09/2019     | N/A                           | Sent to Wrexham planning<br>dept 31/09/2019 |
| 2            |                |                               |                                             |
| 3            |                |                               |                                             |
| 4            |                |                               |                                             |

### C. Performance Indicators

The audit to be conducted in accordance with NRW compliance audit guidelines.

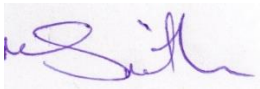
| No | Performance Indicator                                                                                                                                                                                                                                                           | Evidence required - this list should be adapted to reflect the agreed method statement                                                                                     | Pass (Yes/No), comments.<br><br>State if photographic evidence has been used | What action is required as a result of findings? |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------|
| 1  | Before starting work the licensee will advise NRW Species Officer of the date the works will start.                                                                                                                                                                             | No requirement to make contact with NRW prior to works starting                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>N/A              | None                                             |
| 2  | A suitably experienced licensed ecologist will be appointed and retained during the life time of this licence to provide on-site advice.                                                                                                                                        | Letter, contract or other document outlining the appointment of an Ecologist for the lifetime of the project. This will be able to be supplied if required.                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No          | None                                             |
| 3  | Prior to the start and throughout the duration of any works on site, all site workers will be inducted by the Project Ecologist. This induction will cover the legal status of the species, the method of working, and action to be taken if protected species are encountered. | Copy of documents from ecological induction, showing content of induction attached<br><br>Induction carried out on 20/05/19<br><br>List of induction attendees is attached | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No          | None                                             |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                        |                                                                     |      |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 4 | Preparation and implementation of a bio-security risk assessment                                                                                                                                                                                                                                                                                                                                                             | <p>A Biosecurity Risk Assessment was not required for the refurbishment works.</p> <p>However an INNS Biosecurity RA has been produced and has been provided to LA</p> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | None |
| 5 | Licence available for inspection by any police constable or employee of Natural Resources Wales                                                                                                                                                                                                                                                                                                                              | N/A no EPSDL required                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |
| 6 | No agent of the licensee shall act under licence unless they are in possession of a letter signed by the licensee appointing them by name as the duly accredited agent of the licensee for the purposes of this licence, and shall carry with them the said letter and a copy of this licence and shall produce them to any police constable or employee of the Natural Resources Wales or other authorised person on demand | N/A no EPSDL required                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |

|   | <b>E.1 Bat disturbance, capture and exclusion</b>                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |      |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 7 | <p>Works affecting bat roosts will not commence until the Project Ecologist has inspected the area and confirmed that work can go ahead – as detailed in 4.3 Mitigation and Compensation Measure within UES Bat Presence/Absence Survey Report 07/06/2019</p> | <ul style="list-style-type: none"> <li>- Dawn return to roost pre works survey undertaken on 29/08/2019 by Mick Smith (NRW bat licensee) and Jack Halpin. No bats seen returning to the roosts previously identified. A single Soprano pipistrelle bat returned to an alternate roost (Roost 5).</li> <li>- Known roosts were also inspected using AUTEL MV400 videoscope to ascertain if bats were present. No bats were seen.</li> <li>- Existing roosts and the new roost were then identified to the Site supervisor and instructions given as to not block the access points during repointing works or create excess dust, vibration, noise or general disturbance around them. Repointing works around the roost entrances were complete within the same day. Scaffolding was removed that same day also. The roosts were usable again the evening of the 29/08/19.</li> <li>- No deterrents or exclusion methods were used</li> <li>- Roost 3 which was identified as a possible unconfirmed roost has been filled during pointing works as no evidence of use found during dawn survey and pre works internal checks.</li> </ul> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | None |

|    |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |      |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 8  | Action taken if one or more bats found during the course of work                                                                                                                                        | No Bats found during works                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |
| 9  | Implementation of works is carried out in accordance with timescales and programmes specified in method statements and/or license conditions                                                            | N/A no EPSDL required. Works completed as per section 4.3 Mitigation and Compensation Measure within UES Bat Presence/Absence Survey Report 07/06/2019                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |
|    | <b>E.2 Bat roost and habitat retention, modification and / or creation</b>                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |      |
| 10 | <u>Retention of existing roost/s</u> and features (minor changes and maintenance works) as detailed in 4.3 Mitigation and Compensation Measure within UES Bat Presence/Absence Survey Report 07/06/2019 | Known bat roosts are to be retained. They will not be modified. A new roost will be created not listed within UES Bat Presence/Absence Survey Report 07/06/2019 as it was not discovered until the dawn re-entry survey of 29/08/19.<br><br>- known roost access points through the gaps/crevices between stone/brick within the southern aspect of the building will be retained and not modified. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | None |
| 11 | <u>Modification of existing roosts</u> as detailed in E.2.2 of the method statement                                                                                                                     | - No modification of existing roosts have occurred                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |
| 12 | <u>Creation of new roosts</u> (including bat houses and bat boxes)                                                                                                                                      | No new roosts have been created                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | None |

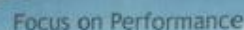
|    |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                     |                                                                                                                                                                                                                                                      |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13 | <p>External lighting is compliant with Mitigation and Compensation Measure within UES Bat Presence/Absence Survey Report 07/06/2019</p> <p>See first bullet point 4.3.1</p>             | <ul style="list-style-type: none"> <li>- Yes. No lights are directed towards the roosts. A single light below the outside terrace is directed towards the river and could illuminate the trees on the opposite side of the River if the angle is altered. This could potentially create a barrier to bats dispersing along the River Dee.</li> <li>- Letter confirming this attached</li> </ul> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>The direction of the light has been altered to illuminate the ground further and reduce light spill on to the River. A hood will also be installed to reduce light spill vertically and laterally. Lighting scheme adheres to 4.3.1 bullet 1.</p> |
| 14 | Roofing membranes and treated timbers used are appropriate for use in bat roosts                                                                                                        | N/A. no works to roosts have occurred that require new membrane or timbers                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | None                                                                                                                                                                                                                                                 |
|    | <b>F and H: Long Term Site proposals</b>                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                     |                                                                                                                                                                                                                                                      |
| 15 | Implementation of <u>population monitoring</u> as detailed in 'Bat Monitoring Scheme 10.08.19' produced by Wildbanks Conservation                                                       | Written commitment from Site owner provided to undertake monitoring works as per 'Bat Monitoring Scheme 10.08.19' produced by Wildbanks Conservation                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Written commitment available.                                                                                                                                                                                                                        |
| 16 | <p>Implementation of long term site safeguard proposals as detailed in F.4, H.1 and H.2 of the method statement</p> <p><i>NB Not all schemes will require all of the activities</i></p> | <ul style="list-style-type: none"> <li>- Written commitment from Site owner that identified roost will not be obstructed or damaged in the long term.</li> <li>- Roosts locations and descriptions will be provided to COFNOD</li> </ul>                                                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Written commitment available.                                                                                                                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                       |                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|--------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                       |                                                  |  |
| <b>Any other points to note/comments from auditor:</b><br><br>Documents provided for Environmental Compliance Audit <ul style="list-style-type: none"> <li>• Copy of documents from ecological induction, showing content of induction and list of inductees.</li> <li>• Written commitment from Site owner that             <ol style="list-style-type: none"> <li>1. The lighting scheme is compliant with external lighting scheme</li> <li>2. Identified roosts will be retained throughout their ownership.</li> <li>3. The Monitoring Scheme will be implemented by an appropriate qualified ecologist.</li> </ol> </li> <li>• Photos of roosts retained.</li> </ul> |                   |                       |                                                  |  |
| <b>Photographic Evidence</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                       | <b>If Yes, Please attach to completed report</b> |  |
| <b>Auditor Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Mick Smith</b> | <b>Date Completed</b> | <b>26/9/19</b>                                   |  |
| <b>Auditor Signature</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                       |                                                  |  |
| <b>Date ECA Submitted to License Holder</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>N/A</b>        |                       |                                                  |  |

**Copy of this to be sent to;**

| Name             | Organization | Date |
|------------------|--------------|------|
| Planning Officer | Wrexham LA   |      |
|                  |              |      |
|                  |              |      |

|   |  |  |  |
|---|--|--|--|
| 4 |  |  |  |
|---|--|--|--|



## Sust. 17

Bats are small flying nocturnal mammals. They can be found in many locations, urban and rural and are often sighted at dusk as they leave their roosts to feed on insects, commonly above hedgerows, ponds and streams. Bat rest and breed in roosts. Roosts can include hollows and cracks in trees, roof spaces, underneath bridges, in caves or old tunnels. Britain has 18 species of bats (17 breeding), which include the tiny 5g pipistrelle to the largest noctule, still smaller than the palm of your hand.



All bats and their roosts are protected by legislation. This includes causing injury or death of bats and damage or destruction of roosts. Prosecution can lead to fines of up to £5,000 and 6 months in prison. Work that requires the disturbance of bats requires a licence.



- Check the site and adjacent areas (especially woodland, hollow trees and roof spaces) for signs of bat activity. This could involve looking for signs of droppings, or asking site users. Bat roosts may have been identified in ecological surveys.
- If you are unsure whether your work may affect a bat roost, seek expert ecological advice.
- Stop work immediately and report any bat sightings or discoveries of roosts after works have started.
- Only licensed bat workers are permitted to enter known bat roosts handle bats. Never pick up and move bats unless you have been trained and it is under direction of a licensed bat worker.

- England: Natural England
- Scotland: Scottish Natural Heritage
- Wales: Countryside Council for Wales

1. Where might you find a bat roost?
2. What is the maximum fine per offence for damaging or destroying a bat roost?
3. How many species of bats are there in Britain?

If you have any queries regarding the content of this tool box talk please contact your Sustainability Advisor or Line Manager.

Job No: THE BOAT

Delivered by: SHAUN COPE

Subject: ECOLOGICAL (BATS)

Please print name and sign below to confirm receipt of Toolbox Talk Training

[illegible]

Photos of roosts retained after building works



Plate 1: Roost 1 retained below guttering



Plate 2: Roost 2, raised lead flashing retained



Plate 3: Roost 4 retained and unaffected



Plate 4: New Roost 5 identified during dawn survey and retained