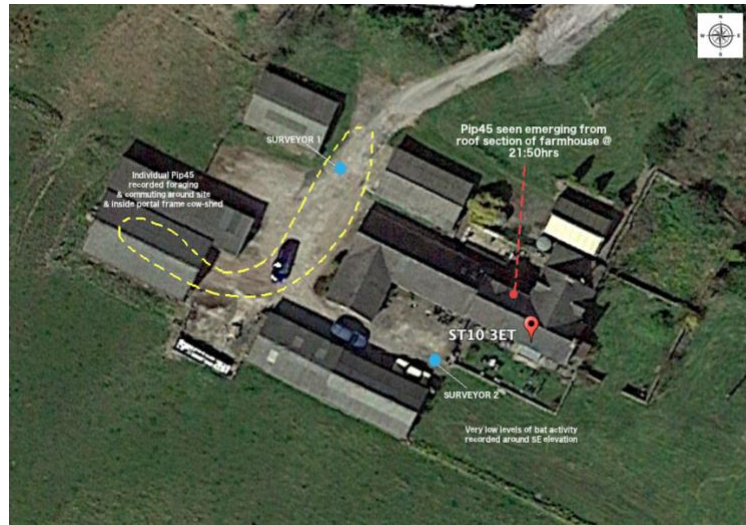


Dusk survey at Moorside Farm, Ellastone Road, Cauldon Lowe, ST10 3ET.



Survey 1 - Dusk emergence				DATE: 03/06/2021	
SUNSET:	21:27hrs	TEMP START	18.5°C	CLOUD COVER START	10%
START TIME	21:05hrs	TEMP FINISH	17.5 °C	CLOUD COVER FINISH	10%
FINISH TIME	23:20hrs	WIND SPEED	<1	PRECIPITATION	NIL

Surveyors: Mark Weston BSc (Hons) Natural England licensed bat Ecologist (2019-41525 – Level 2) & Ian Myatt Natural England licensed bat Ecologist (CLS 37098 – Level 1).

Roost assessment

NO bats seen emerging from section proposed for development.
NO void-dwelling bats recorded internally during survey period
NO evidence of bats recorded internally.
NO major roofing works considered.

Albeit based on only one dusk emergence activity survey, findings do not support any notable bat roost of conservation concern currently present in the structure proposed for development.

Conversely 1 x common pipistrelle was seen emerging from the attached farmhouse a few metres away. No other bats were however seen emerging from the farmhouse to raise any immediate concerns other than a summer day roost for individual common pipistrelle.

Given no major roofing works are intended on the section proposed for development (which predominantly involves internal conversion / with very minor remedial roof repairs), negligible to low impact is predicted. No impact to any schedule listed 1 bird species, including Barn owl is predicted.

Foraging & Commuting

Three species of bat recorded at low individual levels around site:

- Common pipistrelle (N37 bat passes / 100% CI) individual foraging around site (see pic above)
- Noctule (N12 bat passes / 100% CI) – Characteristically recorded flying at height around sunset.
- Soprano pipistrelle – transient (N3 bat passes / 100% CI)

Peak activity 22:00hrs – zero activity towards end.