WML-A13a-E5a&b – WORK SCHEDULE FOR BAT

ANNEXED LICENCE

Site name and address (as stated on the application form or licence granted): Cresswell Ford Farm, Dilhorne Lane, Dilhorne, Stoke-on-Trent. ST10 2PH (NGR: SJ961429).

Please ensure that the work schedules are S.M.A.R.T and appropriate timescales are provided for each activity, to fit with order of events. Complete these schedules to show timings for all categories of work (mitigation and compensation measures), and to show the main construction period. The most common activities are listed here, and you can add up to 6 more if needed. Leave blank if not applicable. Enter timing by stating **start and end dates, to nearest month and year** (see first lines for examples). Enter comments if you need to clarify timings. For very complex schemes (e.g. high impact or phased development schemes) if additional lines are needed please do add in. This work schedule will form part of any annexed licence.

E5a

PLEASE INCLUDE DATE OF SUBMISSION (e.g. 01 July 2016). This will be referenced in the annex →		**September 2019**
Activity	**Timing**	**Comments**
Pre- development activity		
Example: Bat house creation (in advance of licence)	***Sept-14 to Nov-14***	***Also put up 3 bat boxes before end of December 2015, in advance of works commencing***
Creation of standalone bat feature/s (state completed and fit for purpose if created before licensable works due to commence)		
Installation of bat boxes pre-development works (state completed and fit for purpose if created before licensable works due to commence)	November end 2019	Erect receptor bat box: 1 x Schwegler 1FW hiberantion box to selected mature tree outside the zone of influence in advance of pending works (see Folder 4 'MS Append' Fig.E4)

Permanent exclusion measures (e.g. use of one-way excluders prior to permanent blocking of access points or destruction of roost)		
Mid-development activity		
Example: Capture exercise (e.g. by hand /hand-held nets, etc)	***Sept-2016***	***By hand***
Pre-works inspection by Named Ecologist or Accredited Agent	November end 2019	Inspection of hot spot areas by named ecologist, where summer roosting bats were recorded, prior to works commencing. - Subsequent Tool box talk to make all contractors aware of bat legislation, the potential of finding individual bats in torpor and soft demolition approach necessary under the licensing terms & conditions. - A copy of the method statement and licence to be left onsite at all times for contractor(s) reference.
Installation of protective measures (e.g. separation membranes whilst working in lofts)		
Disturbance by noise, illumination or vibration (please specify)		
Temporary exclusion measures (e.g. use of one-way excluders with access re-instated following works)		
Permanent exclusion measures (e.g. use of one-way excluders prior to permanent blocking of access points or destruction of roost)		
Capture exercise (e.g. by hand / hand-held nets, etc – please state)	November end 2019	In the unlikely event that individual bats are found, then it may be necessary to deploy standard capture and exclusion techniques by hand / hand held net
Destructive search by soft demolition	November end 2019	Named ecologist to supervise all soft demolition to areas of the the roof and first floor section until satisfied that the building is free of bats.

During development		
Example: Mechanical demolition	***Oct-2016***	***Buildings X and Y will be knocked down after sign off from Named Ecologist***
Mechanical demolition of all or part of structures (once declared free of bats by Named Ecologist or Accredited Agent) – please state		
Construction period start and end dates	December 2019 to Mid-April 2020 December 2019 January 2020 February 2020 March 2020 Mid-April 2020	 Remove timber trusses and roof tiles / stock pile for inspection (ca. 4days) Remove selected brick work re-build and re-point / Construct bat fly-through on gable-ends (ca. 3 weeks) Replace roof timbers / re-felt (F1) and re-tile (ca.4weeks) / box-out internal apex roof void / bat loft regions / install bat access ridge tiles (ca.4 weeks) Break out internal floors / replace (ca. 2 weeks) Install doors and windows First fix - electrical, plumbing and joinery installation (2 weeks) Plaster board insulation Second fix - electrical, plumbing and joinery installation Fit kitchen/ bathrooms etc. Works completed
Site checks and maintenance during construction	March end 2020	Site check to ensure all works and mitigation has complied to licensing conditions prior to Spring 2020

Post construction mitigation/compensation on 'development' site or other (provide details below)		
Example: Installation of access points and bat boxes	***Feb-2017***	***Access points will be installed after completion of new roof structure; remaining 3 x bat boxes installed by end of this month.***
Creation of mitigation/compensation post development (e.g. installation of bat tubes, bricks, boxes, access points, etc – specify in comments section)	**January 2020**	**Installation of two 6no. bat access ridge tiles (4 x single storey / 2 x two-storey) to allow access into apex box bat loft roof voids as per Natural England detail 4B / Replace roof timbers / re-felt (F1) and re-tile (ca.4weeks) / box-out internal apex roof void / bat loft regions / install bat access ridge tiles (ca.4 weeks)** **Break out interna floors / replace (ca. 2 weeks)** **Install doors and windows** **First fix - electrical, plumbing and joinery installation (2 weeks)** **Plaster board insulation** **Second fix - electrical, plumbing and joinery installation** **Fit kitchen/ bathrooms etc.**
Habitat reinstatement or restoration (following temporary impacts)		
Hedgerow or woodland planting (please specify)		

E5b) Post-development works - type a "Y" where each activity will occur for a given year and leave blank for no activity.

Year:	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Monitoring												
Habitat management												
Site maintenance												

Year:	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Monitoring												
Habitat management												
Site maintenance												