

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

ANNEXED LICENCE



Site name and address (as stated on the application form or licence granted): M5 Wynhol Viaduct, M5 Northbound and Southbound, Somerset

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 → 13.07.2020 | | |
|---|--------------------------|--|
| Activity | Timing | Comments |
| Pre- development activity | | |
| <i>Example: Bat house creation (in advance of licence)</i> | <i>Sept-14 to Nov-14</i> | <i>Also put up 3 bat boxes before end of December 2015, in advance of works commencing</i> |
| Creation of standalone bat feature/s (state completed and fit for purpose if created <u>before</u> licensable works due to commence) | | |
| Installation of bat boxes pre-development works (state completed and fit for purpose if created <u>before</u> licensable works due to commence) | | |
| Permanent exclusion measures (e.g. use of one-way excluders prior to permanent blocking of access points or destruction of roost) | | |
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| | | |

| Mid-development activity | | |
|---|-------------------|---|
| <i>Example: Capture exercise (e.g. by hand /hand-held nets, etc)</i> | <i>Sept-2016</i> | <i>By hand</i> |
| Pre-works inspection by Named Ecologist or Accredited Agent | Oct-Nov 2020 | Visual Check by ecologist within abutment chamber for roosting bats. 1 abutment chamber to be worked on at a time. Repair works anticipated to take 1-2 nights per abutment. |
| Installation of protective measures (e.g. separation membranes whilst working in lofts) | | |
| Disturbance by noise, illumination or vibration (please specify) | Oct-Nov 2020 | Disturbance by noise, illumination and dust |
| 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) | Oct-Nov 2020 | Any bats in the immediate vicinity of the works which may be harmed by the works (i.e. around the door frames) will be moved by hand by the supervising ecologist and relocated to a safe place within the abutment. Any other bats present within the abutment will be allowed to move of their own accord if disturbed. |
| Destructive search by soft demolition | | |
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| | | |
| During development | | |
| <i>Example: Mechanical demolition</i> | <i>Oct-2016</i> | <i>Buildings X and Y will be knocked down after sign off from Named Ecologist</i> |
| 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 | Oct-Nov 2020 | |
| Site checks and maintenance during construction | Dec 2020-Jan 2021 | Internal count of bat numbers within the viaduct following completion of works |
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| | | |

| Post construction mitigation/compensation on 'development' site or other (provide details below) | | |
|--|-----------------|--|
| <i>Example: Installation of access points and bat boxes</i> | <i>Feb-2017</i> | <i>Access points will be installed after completion of new roof structure; remaining 3 x bat boxes installed by end of this month.</i> |
| Creation of mitigation/compensation post development (e.g. installation of bat tubes, bricks, boxes, access points, etc – specify in comments section) | | |
| Habitat reinstatement or restoration (following temporary impacts) | | |
| Hedgerow or woodland planting (please specify) | | |
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| | | |

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 | | | | | Y | Y | | | | | | |
| Habitat management | | | | | | | | | | | | |
| Site maintenance | | | | | | | | | | | | |

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