

**M25 junction 10/A3 Wisley interchange
TR010030**

**9.29 Update Screening Matrix 2 and 3 to
Habitat Regulations Assessment
Appendix A (reference 1.4.10 ExQ1)**

Rule 8(1)(b)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Volume 9

December 2019

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

M25 junction 10/A3 Wisley interchange

Development Consent Order 202[x]

9.29 Update Screening Matrix 2 and 3 to Habitat Regulations Assessment Annex A [APP-040] (reference 1.4.10 ExQ1)

Rule Number:	Rule 8(1)(c)(i)
Planning Inspectorate Scheme Reference	TR010030
Application Document Reference	TR010030/9.29
Author:	M25 junction 10/A3 Wisley interchange project team, Highways England and Atkins

Version	Date	Status of Version
Rev 0	18 December 2019	Deadline 2

HRA Screening Matrix 2: Mole Gap to Reigate Escarpment Special Area of Conservation

Name of European site and designation: Mole Gap to Reigate Escarpment SAC														
EU Code: UK0012804														
Distance to NSIP: Approximately 6.9 km, south-east of the Scheme														
European site features	Likely effects of NSIP													
Effect	Habitat Loss		Degradation of habitats by changes in air quality		Degradation of habitats by changes in water quality		Disturbance by changes in noise		Disturbance by changes in recreational use		Disturbance by changes in lighting		In combination effects	
Stage of Development	C	O	C	O	C	O	C	O	C	O	C	O	C	O
Feature 1 <i>S1323 Bechstein's Bat</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _d	x _d	x _d	x _d	x _d	x _d	x _f	x _f
Feature 2 <i>H4030 European dry heaths</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f
Feature 3 <i>H5110 Stable xerothermophilous formations with Buxus semperivens on rock slopes (Berberidon p.p.); natural box scrub</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f
Feature 4 <i>H6210 Semi-natural dry grasslands and scrubland facies: on calcareous substrates (Festuco- Brometalia) (important orchid sites); Dry grasslands and scrublands on chalk or limestone (important orchid sites)</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f
Feature 5	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f

Name of European site and designation: Mole Gap to Reigate Escarpment SAC														
EU Code: UK0012804														
Distance to NSIP: Approximately 6.9 km, south-east of the Scheme														
European site features	Likely effects of NSIP													
Effect	Habitat Loss		Degradation of habitats by changes in air quality		Degradation of habitats by changes in water quality		Disturbance by changes in noise		Disturbance by changes in recreational use		Disturbance by changes in lighting		In combination effects	
<i>H9130 Asperulo-Fagetum beech forests; Beech forests in neutral to rich soils</i>														
Feature 6 <i>H91J0 Taxus baccata woods of the British Isles; Yew dominated woodland</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f
Feature 7 <i>S1166 Triturus cristatus; Great crested newt</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f

A.1.1 Evidence supporting conclusions:

- a. There is no reduction of SAC habitat expected so it is unlikely this will have an effect on any features during construction or operation (refer to Table 6, page 32).
- b. Due to the distance between the SAC and the Scheme, and the fact that the SAC will not be affected by the Affected Road Network no changes in air quality are anticipated. It is therefore unlikely that changes in air quality will have an effect on any qualifying features during construction or operation (refer to Table 6, page 33).
- c. Due to the distance between the SAC and the Scheme and the absence of hydrological linkages, no changes in key water quality are anticipated. It is therefore unlikely that changes in water quality will have an effect any qualifying features during construction or operation (refer to Table 6, page 33).

- d. Due to the absence of Bechstein's bats during the Scheme surveys (for detailed survey information refer to 6.5 Environmental Statement Appendix 7.9 Bats [APP-095] and Appendix 7.10 Bat trapping [APP-096]) it is considered unlikely that Bechstein's regularly occur within or near the Scheme footprint. It is therefore unlikely that changes noise, recreation or lighting during construction or operation will have an effect on Bechstein's bats (refer to Table 6, page 33).
- e. Due to the distance between the SAC and the Scheme, it is considered unlikely that changes noise, recreation or lighting during construction or operation will have an effect on any qualifying features of the SAC (refer to Table 6, page 33).
- f. No elements of the Scheme are likely to give rise to impact on any of the qualifying features of the SAC. Therefore, no cumulative effects on the SAC are anticipated when combined with other developments/projects during construction or operation (refer to Table 6, page 31).

HRA Screening Matrix 3: Ebernoe Common Special Area of Conservation

Name of European site and designation: Ebernoe Common SAC														
EU Code: UK0012715														
Distance to NSIP: Approximately 29.3 km, south-west of the Scheme.														
European site features	Likely effects of NSIP													
Effect	Habitat Loss		Degradation of habitats by changes in air quality		Degradation of habitats by changes in water quality		Disturbance by changes in noise		Disturbance by changes in recreational use		Disturbance by changes in lighting		In combination effects	
Stage of Development	C	O	C	O	C	O	C	O	C	O	C	O	C	O
Feature 1 <i>S1323 Myotis bechsteinii;</i> <i>Bechstein's Bat</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _d	x _d	x _d	x _d	x _d	x _d	x _f	x _f
Feature 2 <i>S1308 Barbastella barbastellus;</i> <i>Barbastelle Bat</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _d	x _d	x _d	x _d	x _d	x _d	x _f	x _f
Feature 3 <i>H9120 Atlantic acidophilous beech forest with Ilex and sometimes also Taxus in the shrub layer (Querion robori-petraeae or Ilici-Fagenion); Beech forests on acid soil</i>	x _a	x _a	x _b	x _b	x _c	x _c	x _e	x _e	x _e	x _e	x _e	x _e	x _f	x _f

A.1.2 Evidence supporting conclusions:

- a. There is no reduction of SAC habitat expected so it is unlikely this will have an effect on any features during construction or operation (refer to Table 7, page 38).
- b. Due to the distance between the SAC and the Scheme, and the fact that the SAC will not be affected by the Affected Road Network no changes in air quality are anticipated. It is therefore unlikely that changes in air quality will have an effect on any qualifying features during construction or operation (refer to Table 7, page 38).
- c. Due to the distance between the SAC and the Scheme and the absence of hydrological linkages, no changes in key water quality are anticipated. It is therefore unlikely that changes in water quality will have an effect any qualifying features during construction or operation (refer to Table 7, page 38).
- d. Due to the absence of Bechstein's bats and barbastelle bats during the Scheme surveys (for detailed survey information refer to 6.5 Environmental Statement Appendix 7.9 Bats [APP-095] and Appendix 7.10 Bat trapping [APP-096]) it is considered unlikely that Bechstein's or barbastelle regularly occur within or near the Scheme footprint. It is therefore unlikely that changes noise, recreation or lighting during construction or operation will have an effect on Bechstein's bats or Barbastelle bats (refer to Table 7, page 38).
- e. Due to the distance between the SAC and the Scheme, it is considered unlikely that changes noise, recreation or lighting during construction or operation will have an effect on beech forests of the SAC (refer to Table 7, page 38).
- f. No elements of the Scheme are likely to give rise to impact on any of the qualifying features of the SAC. Therefore, no cumulative effects on the SAC are anticipated when combined with other developments/projects during construction or operation (refer to Table 7, page 36).

© Crown copyright (2019).

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-government-licence/

write to the Information Policy Team, **The National Archives, Kew, London TW9 4DU**,

or email psi@nationalarchives.gsi.gov.uk.

Printed on paper from well-managed forests and other controlled sources.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

Highways England Company Limited registered in England and Wales number 09346363

